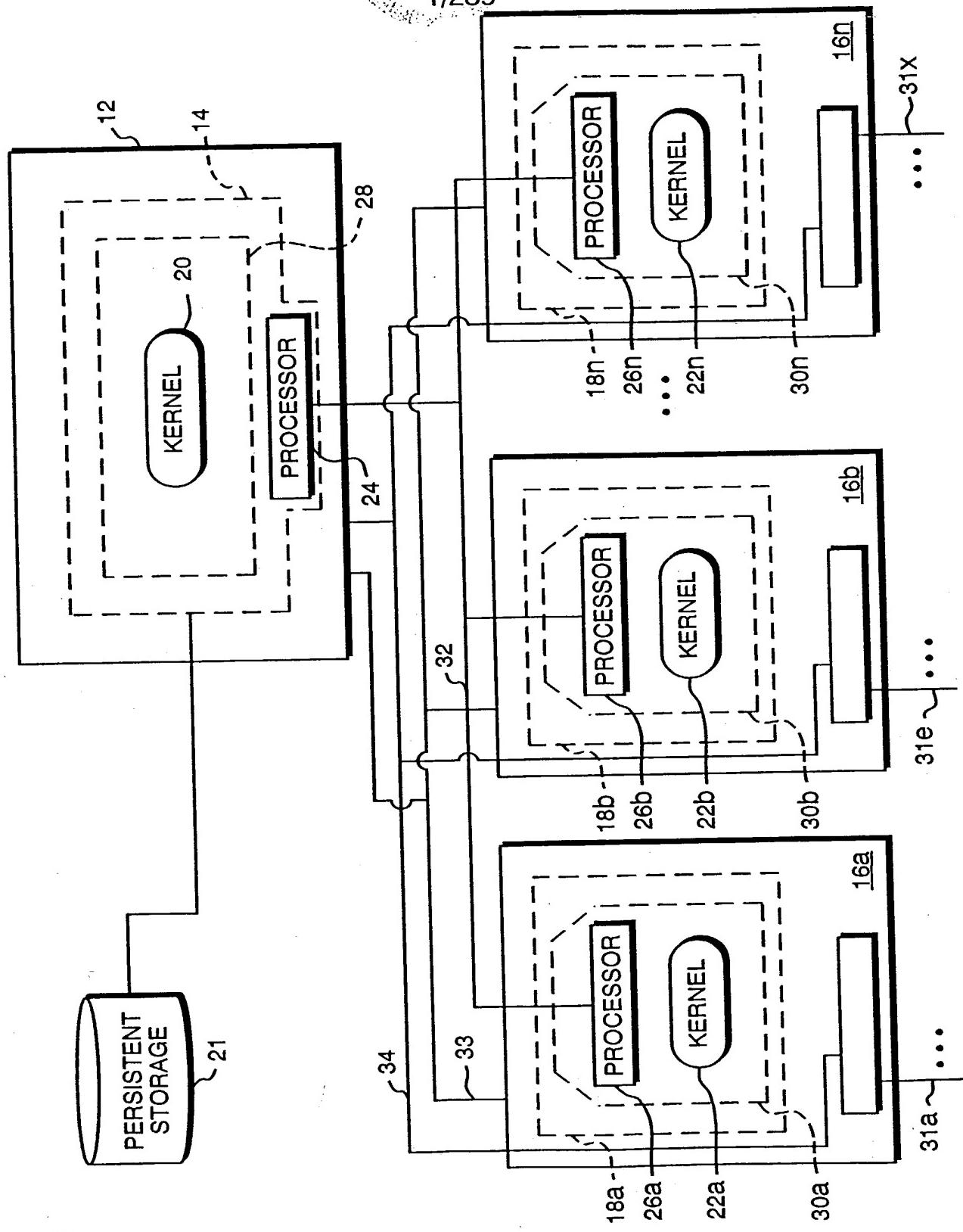


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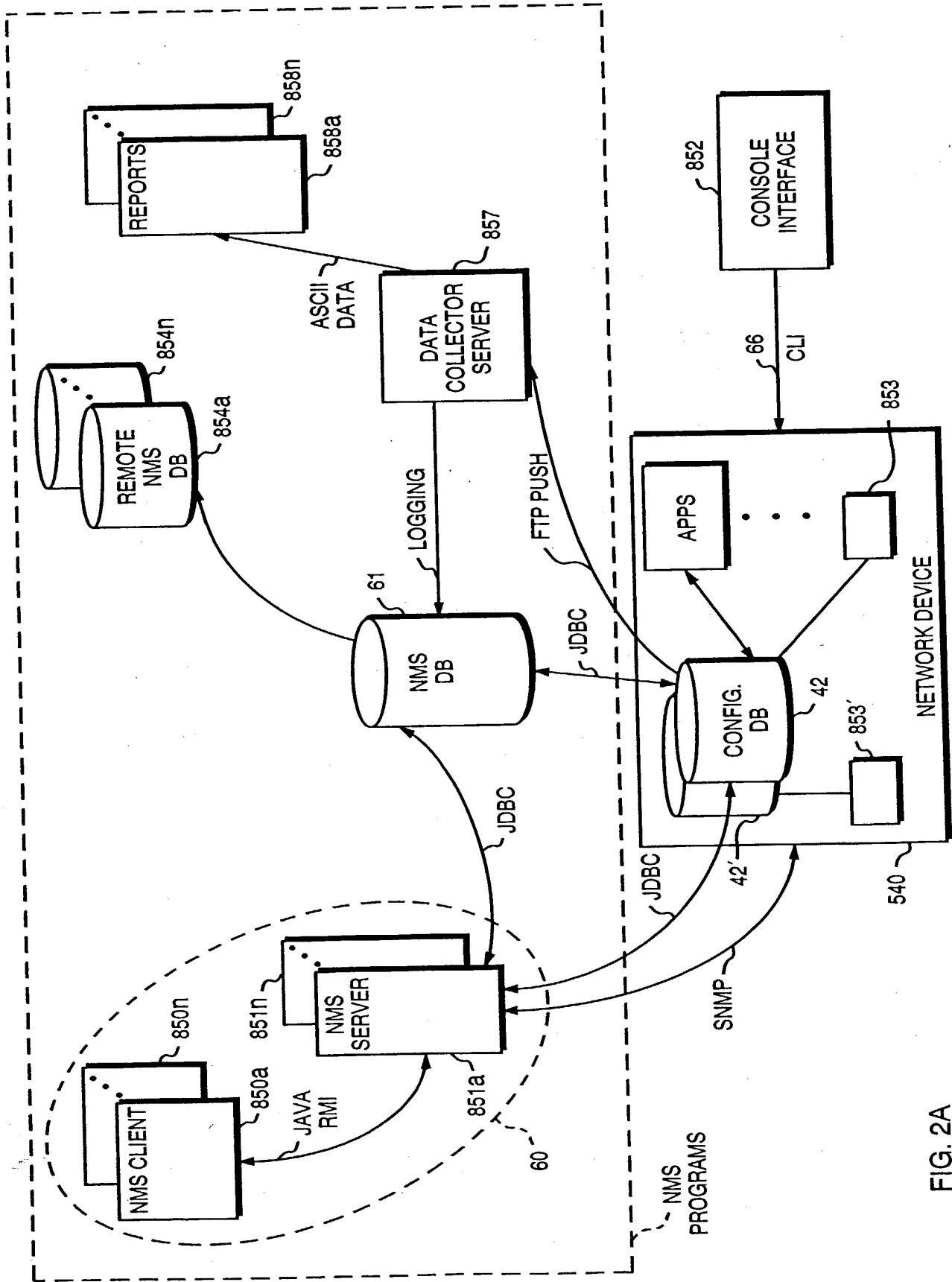


FIG. 2A

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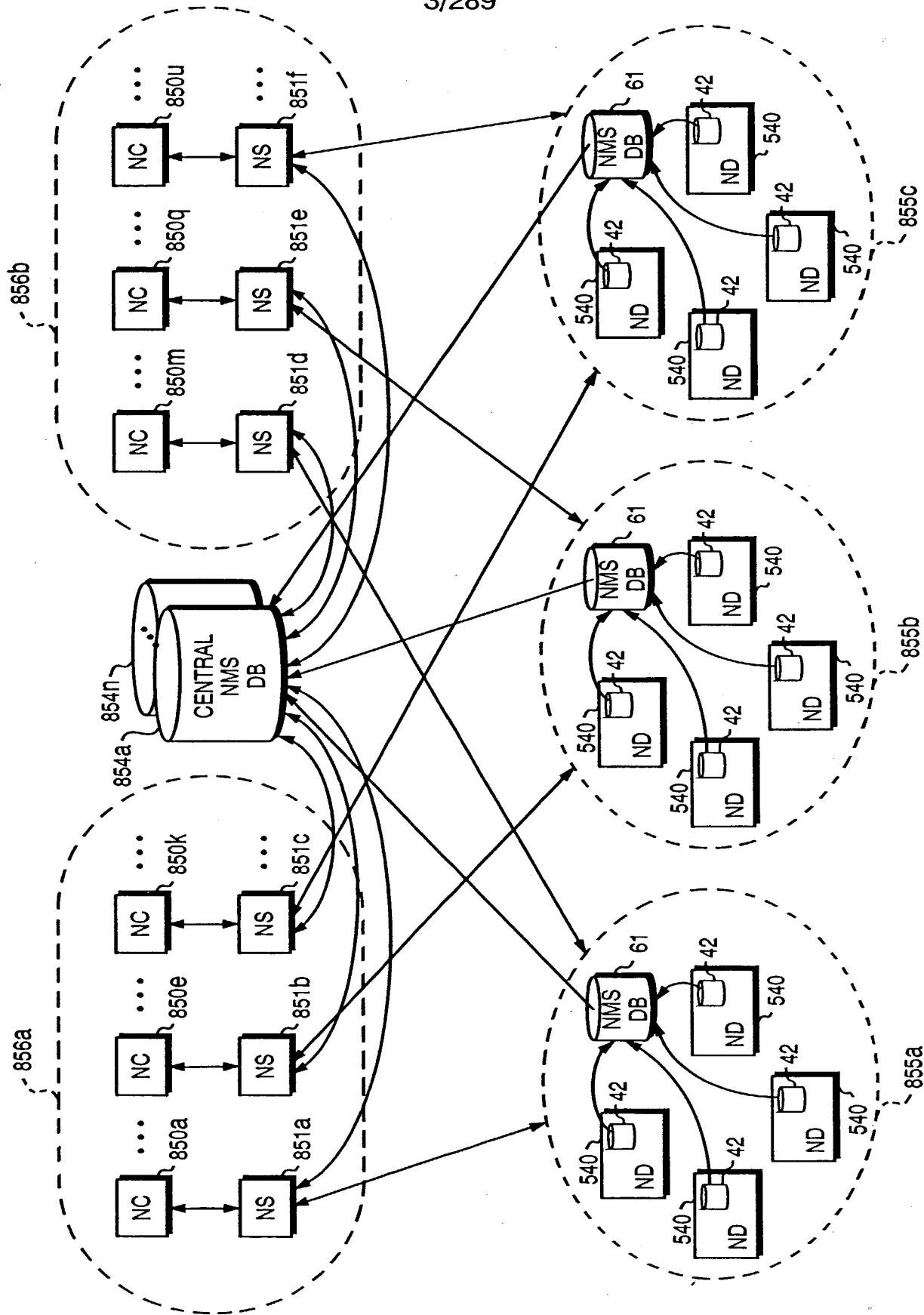


FIG. 2B

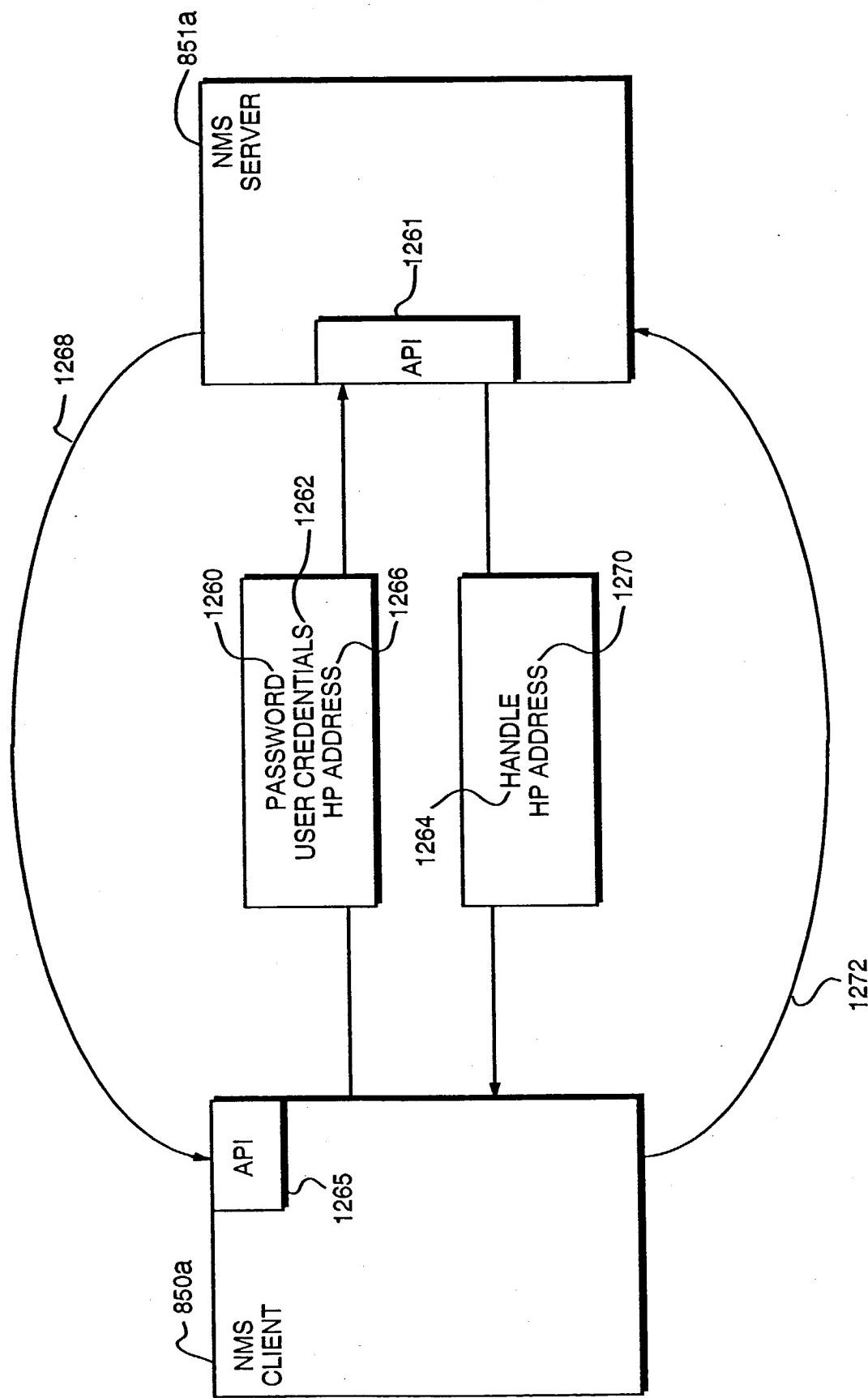


FIG. 2C

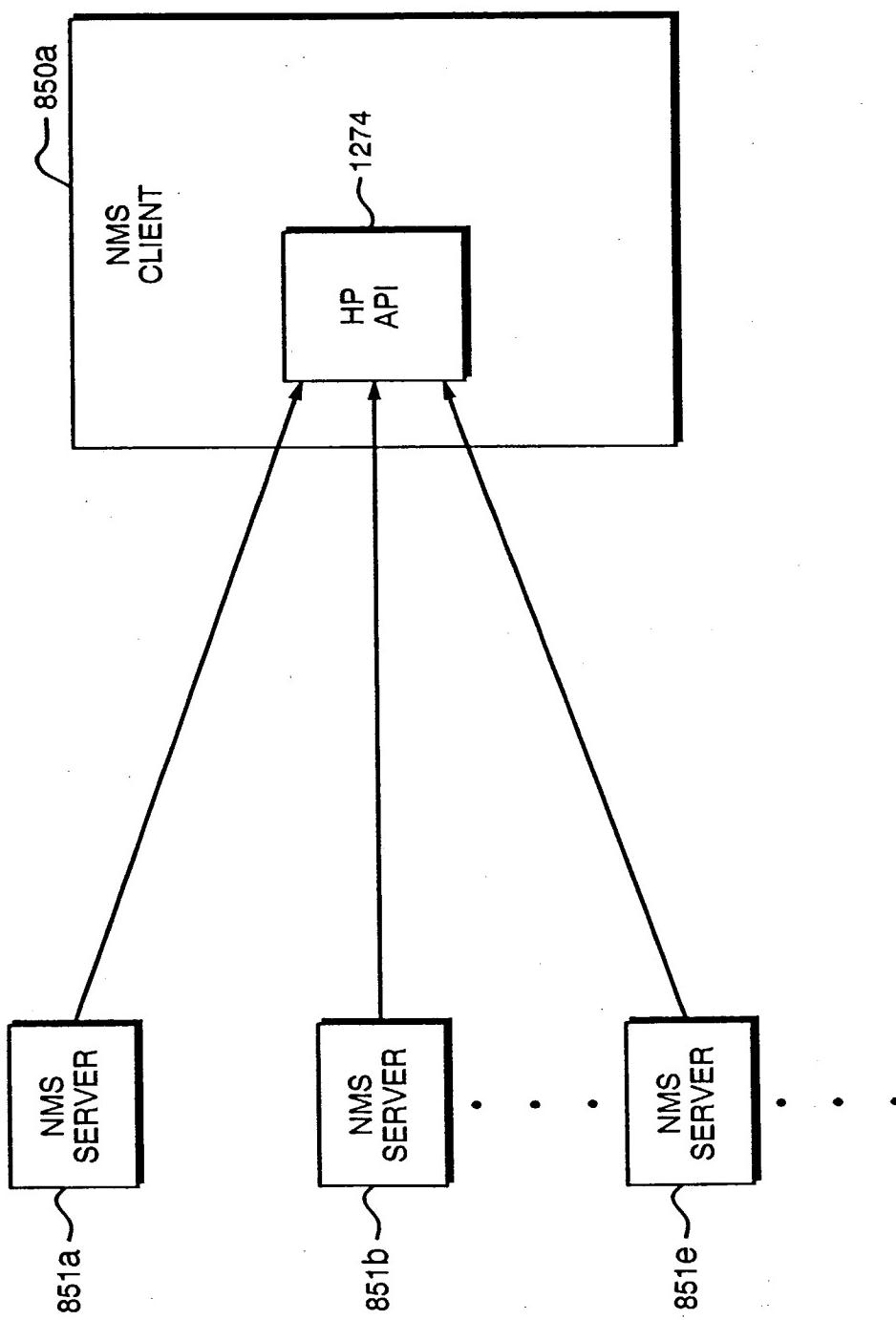


FIG. 2D

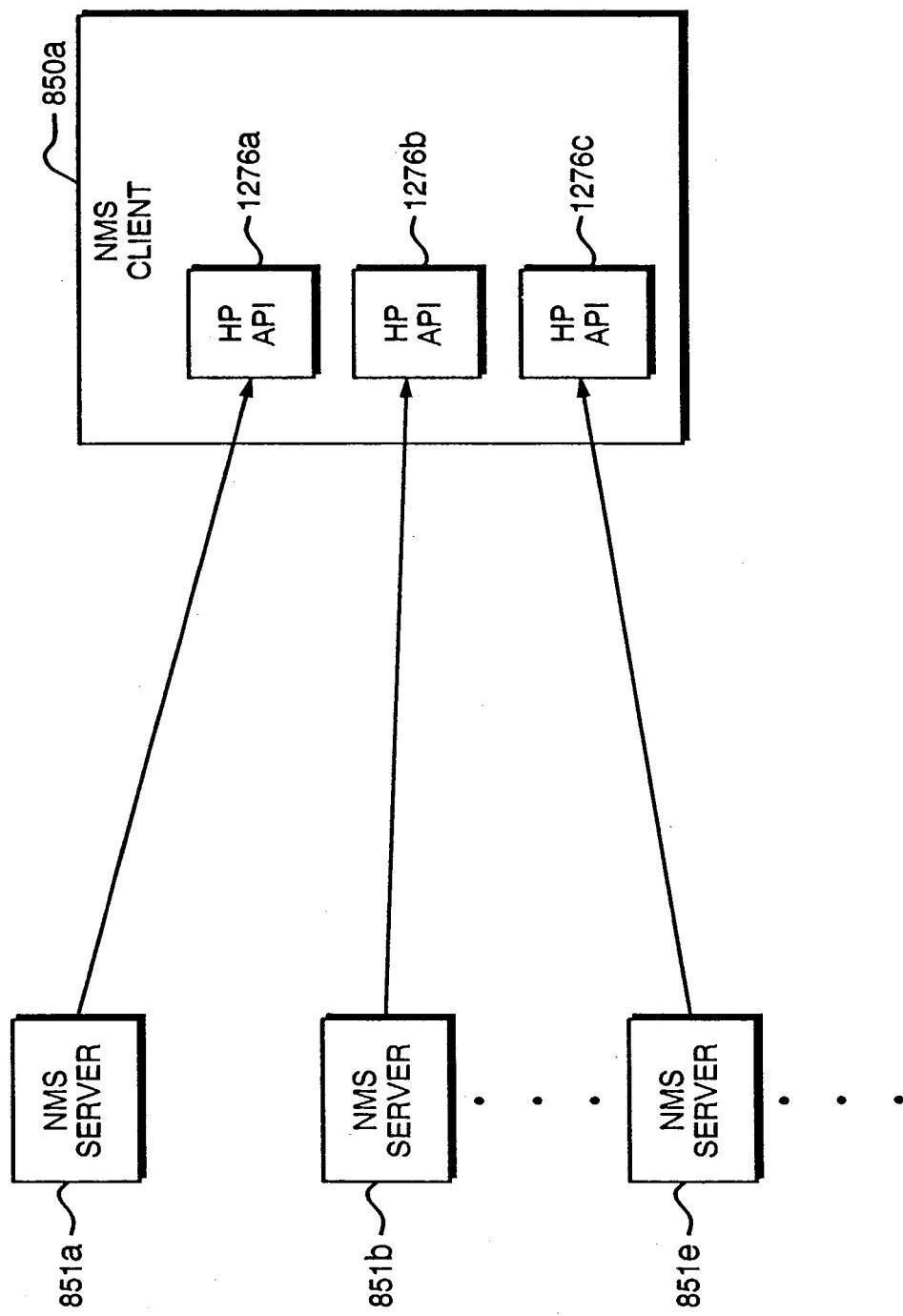


FIG. 2E

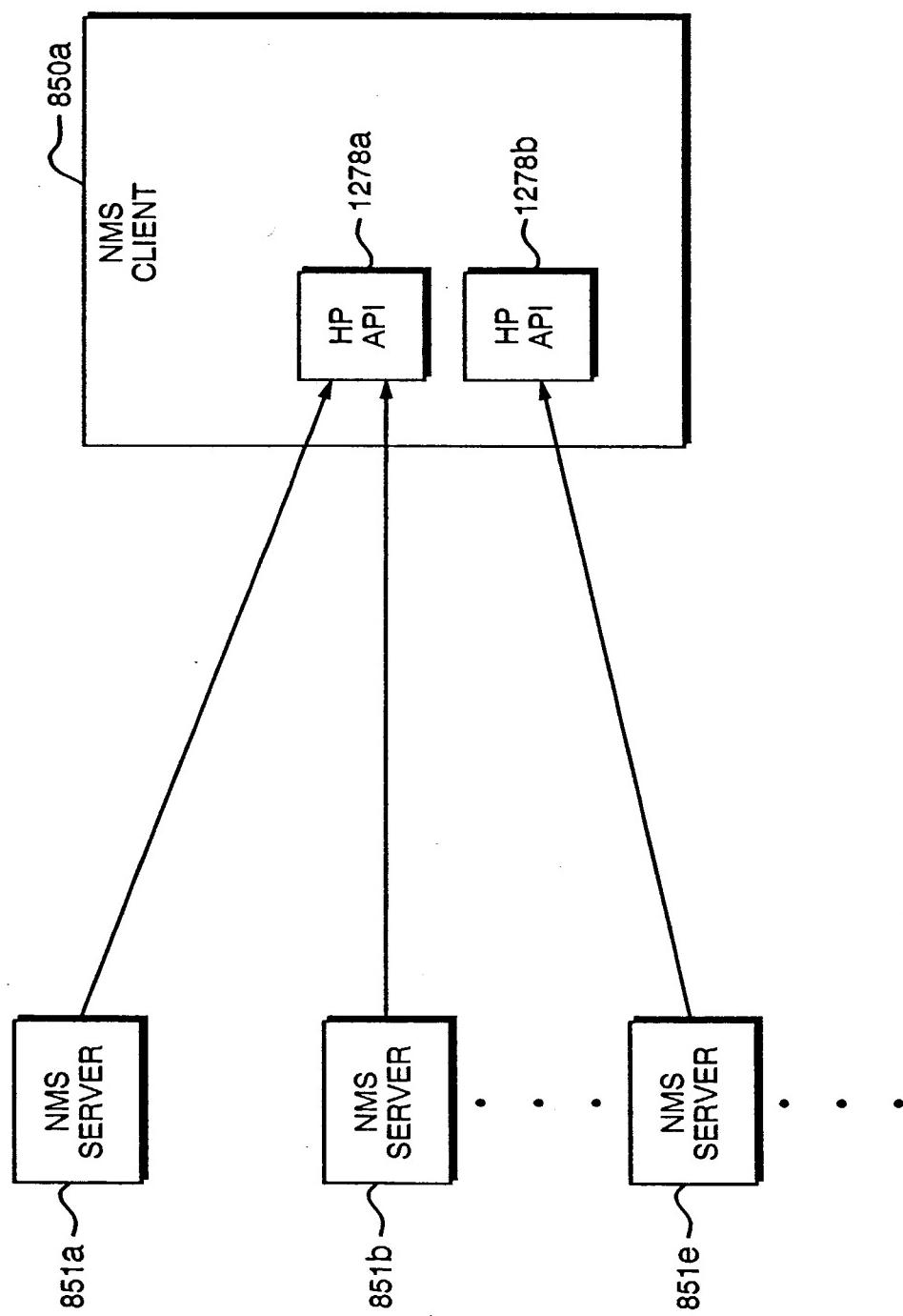


FIG. 2F

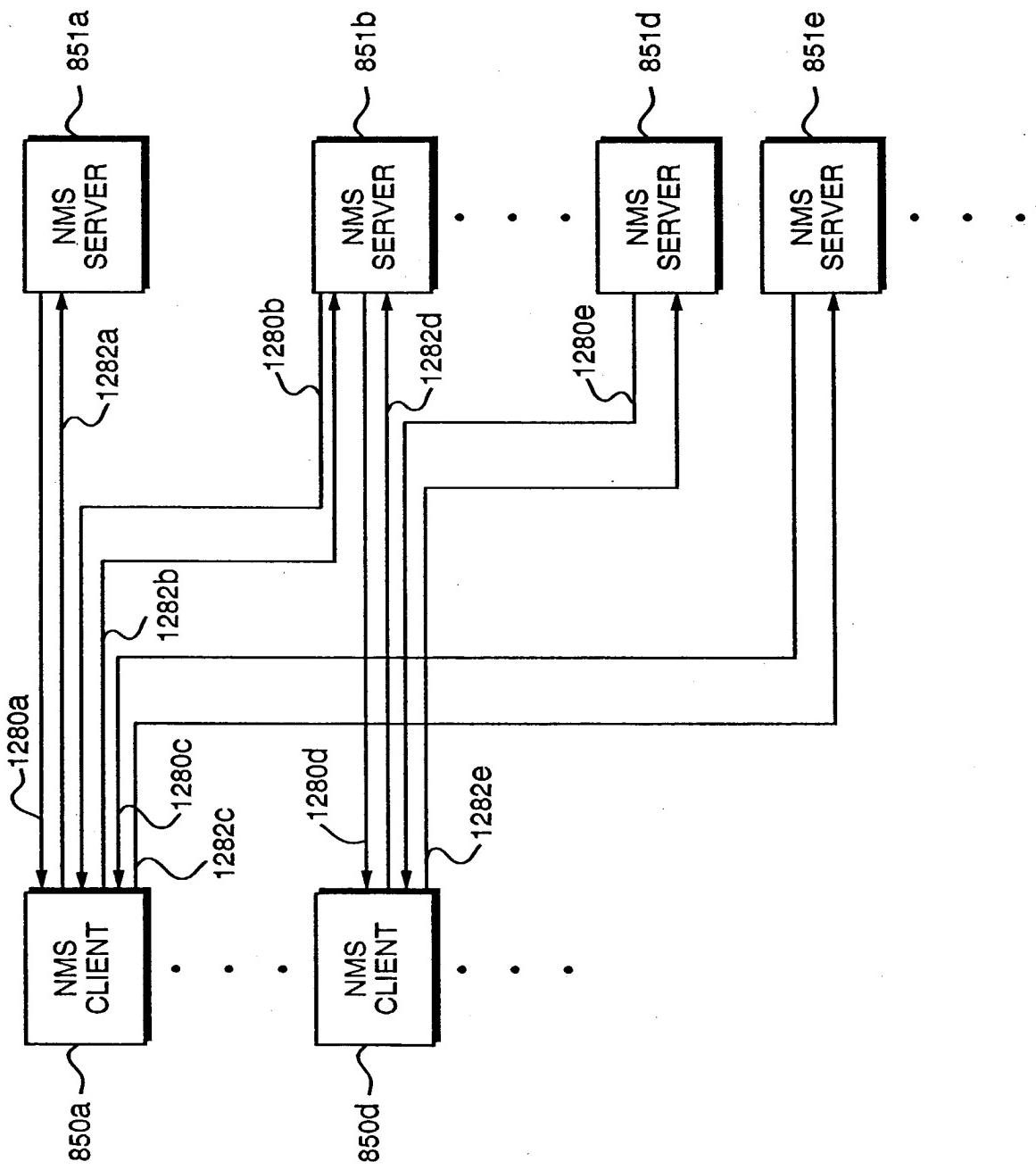


FIG. 2G

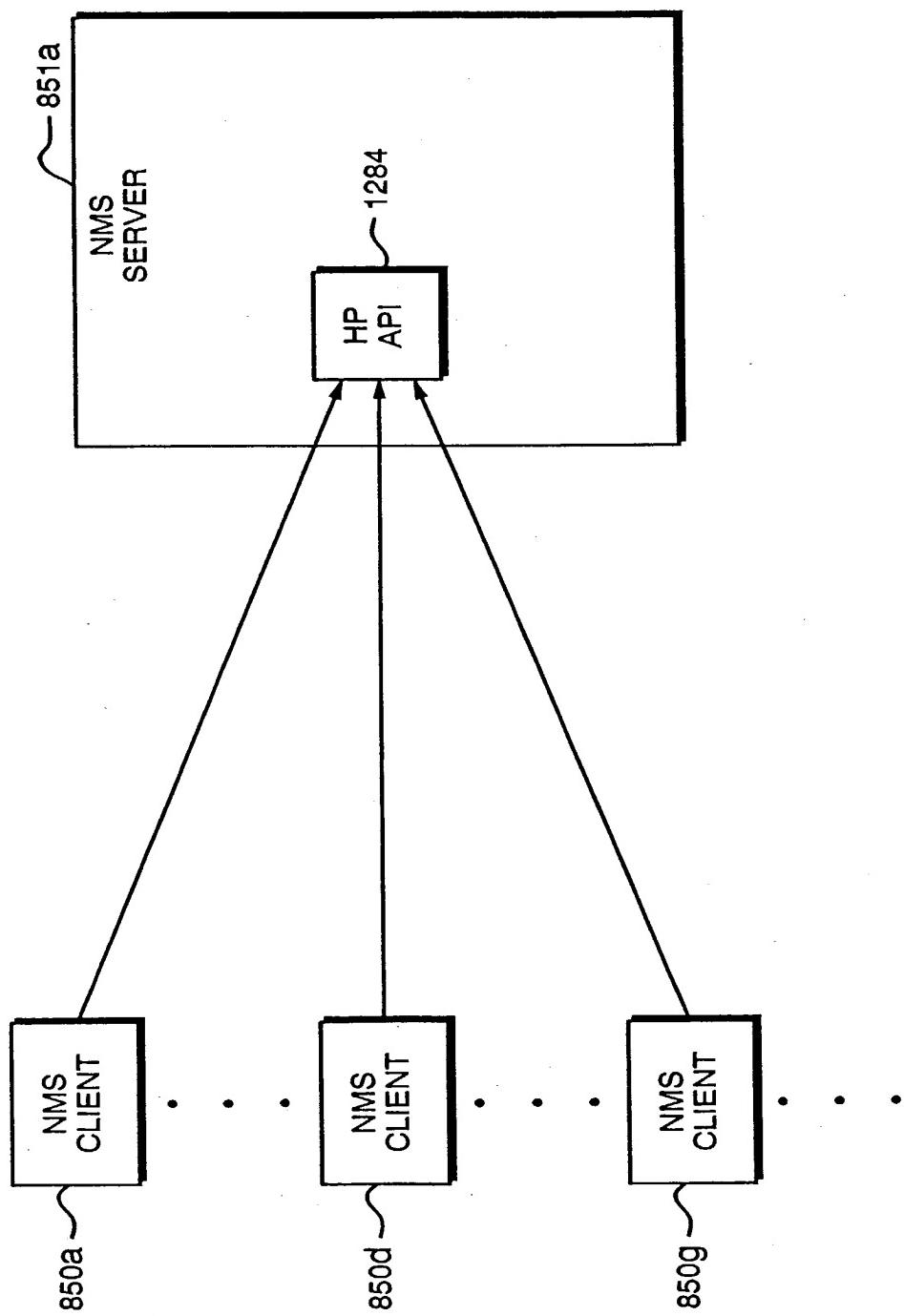


FIG. 2H

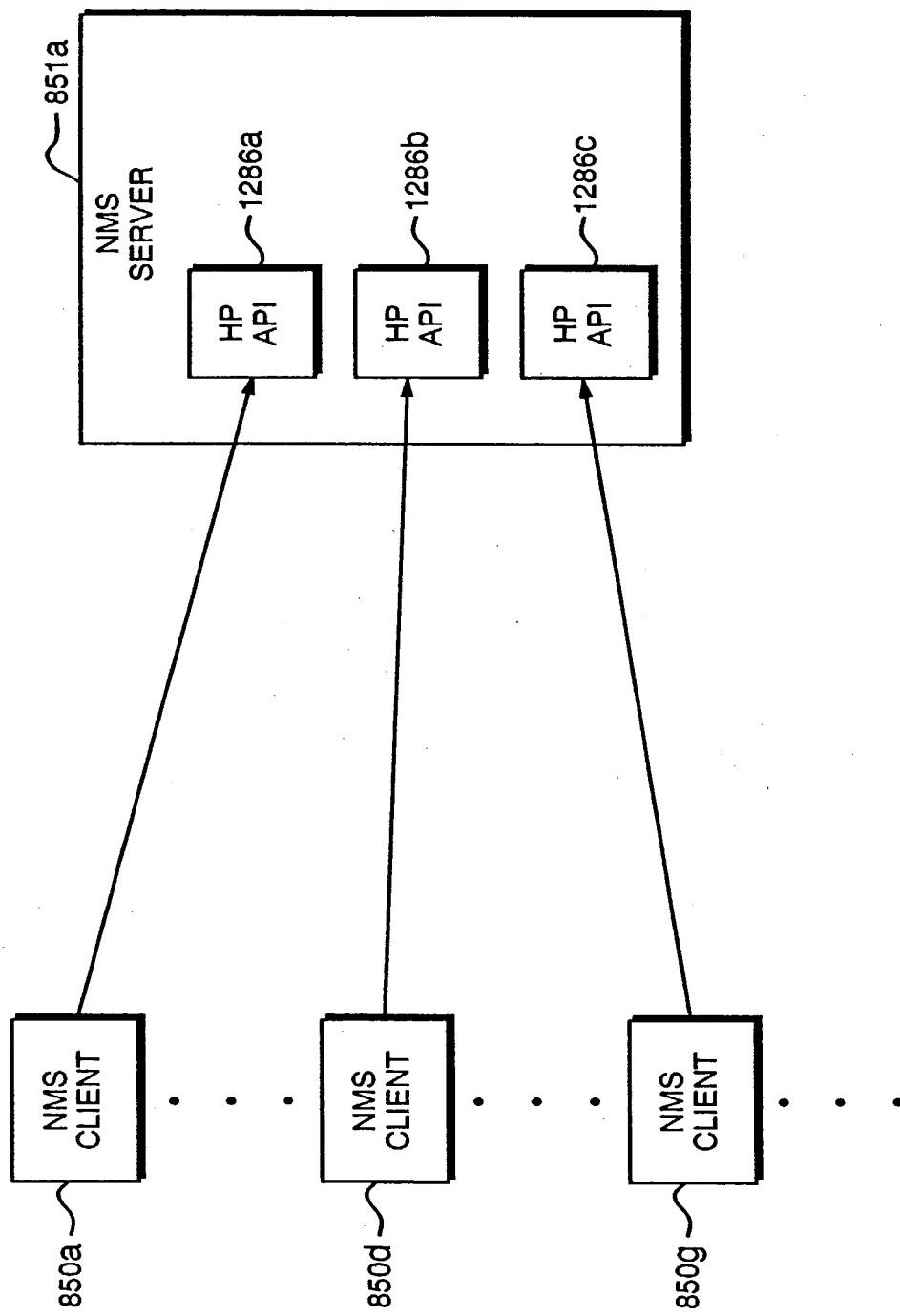


FIG. 2I

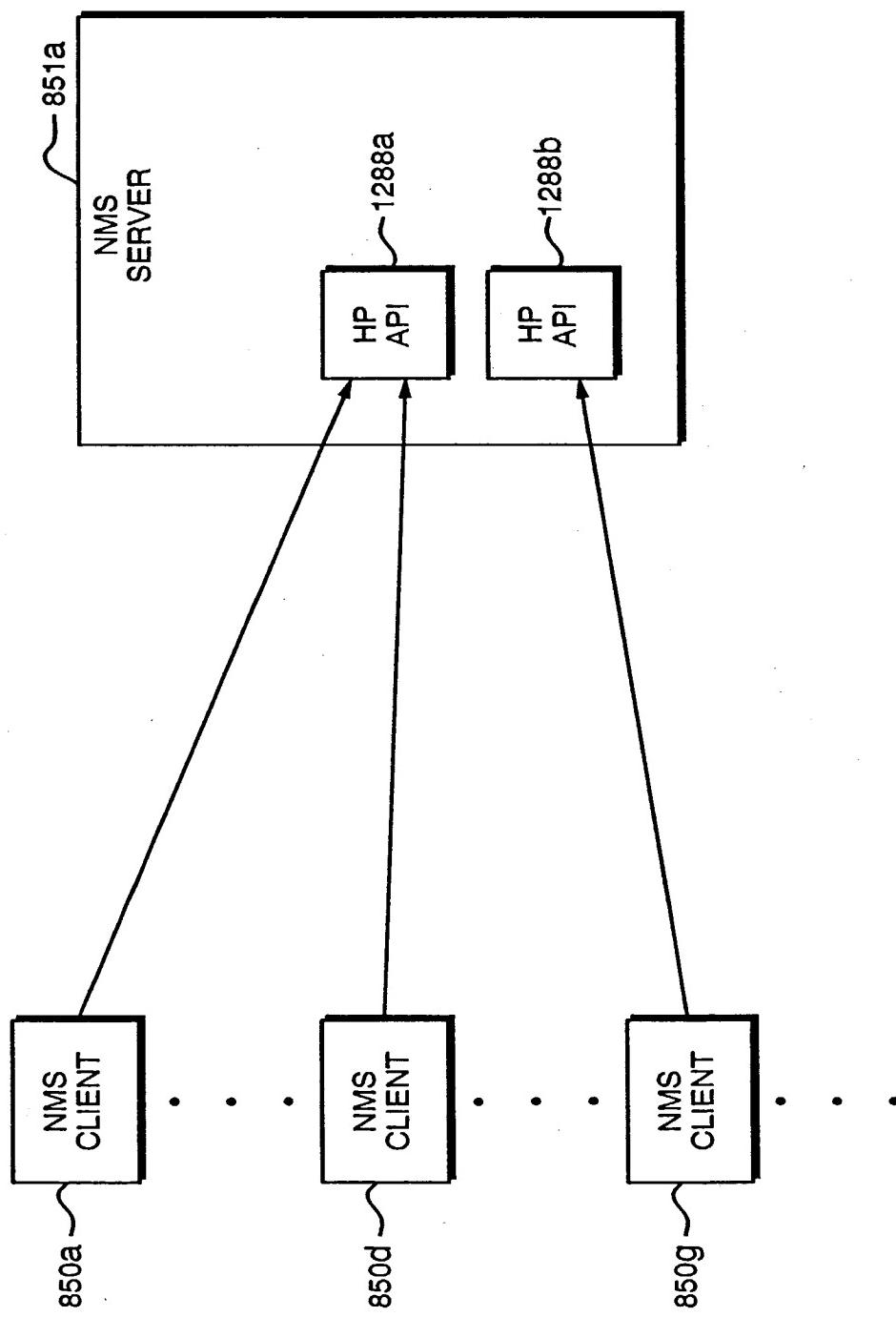


FIG. 2J

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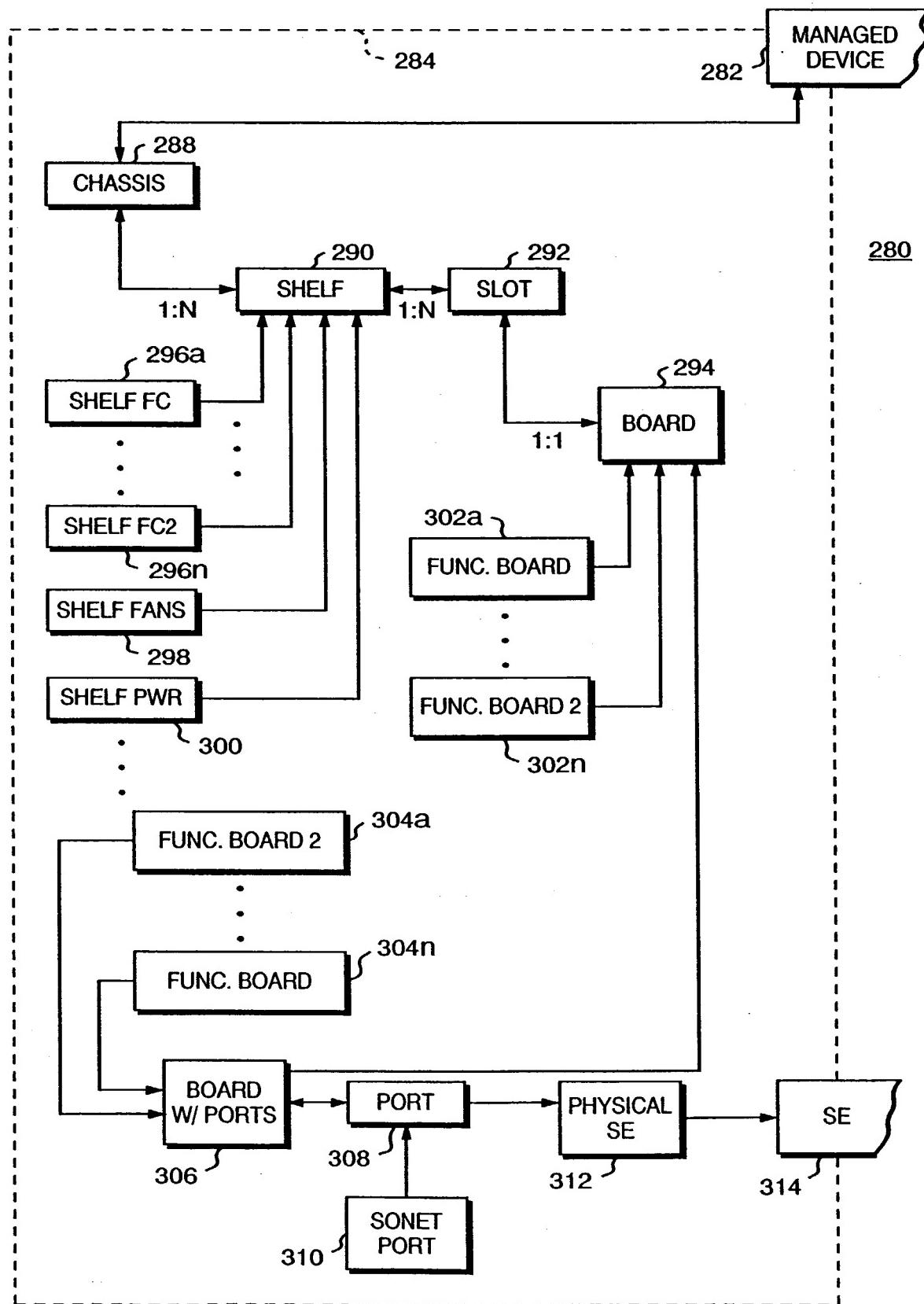


FIG. 3A

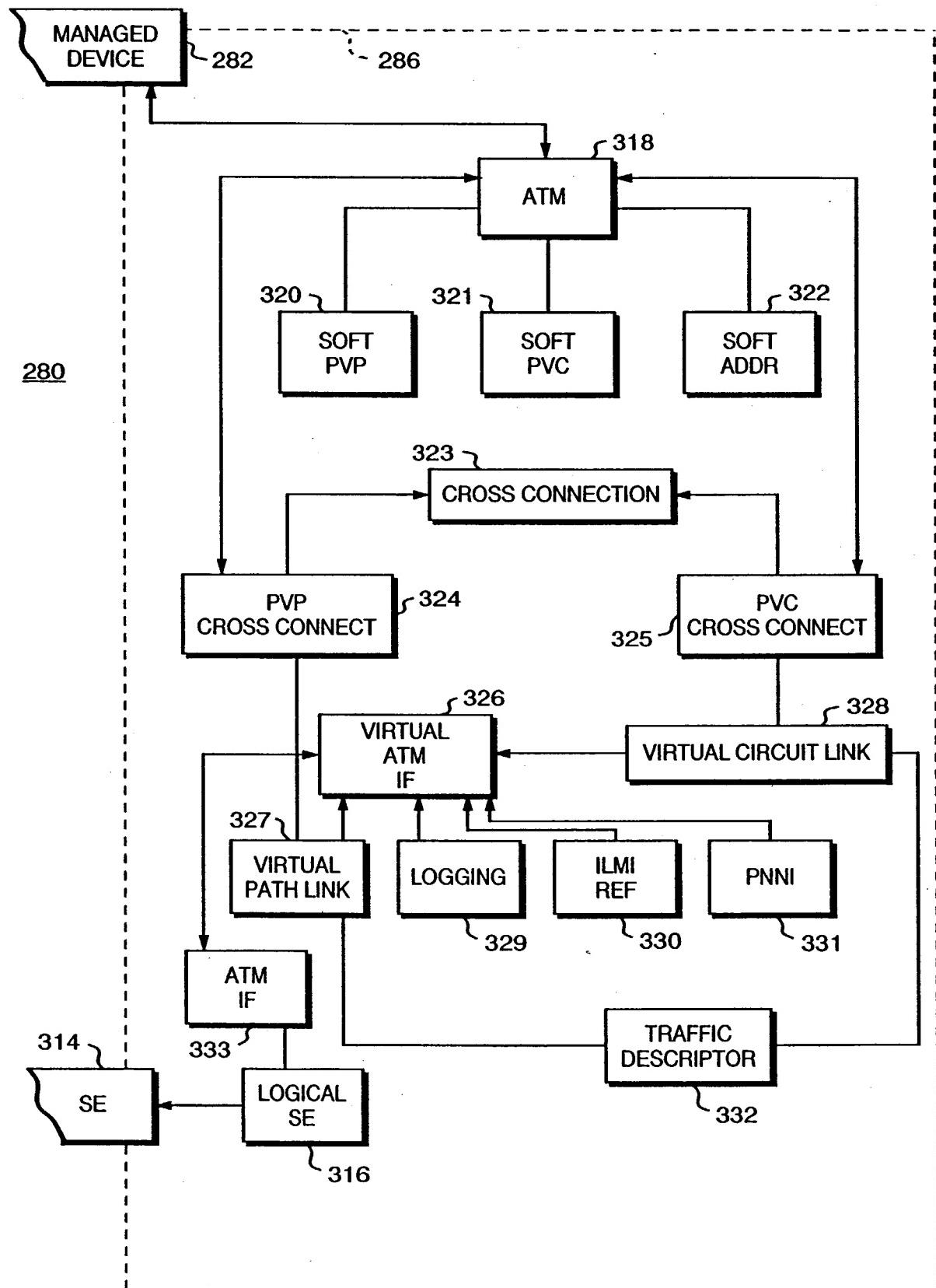


FIG. 3B

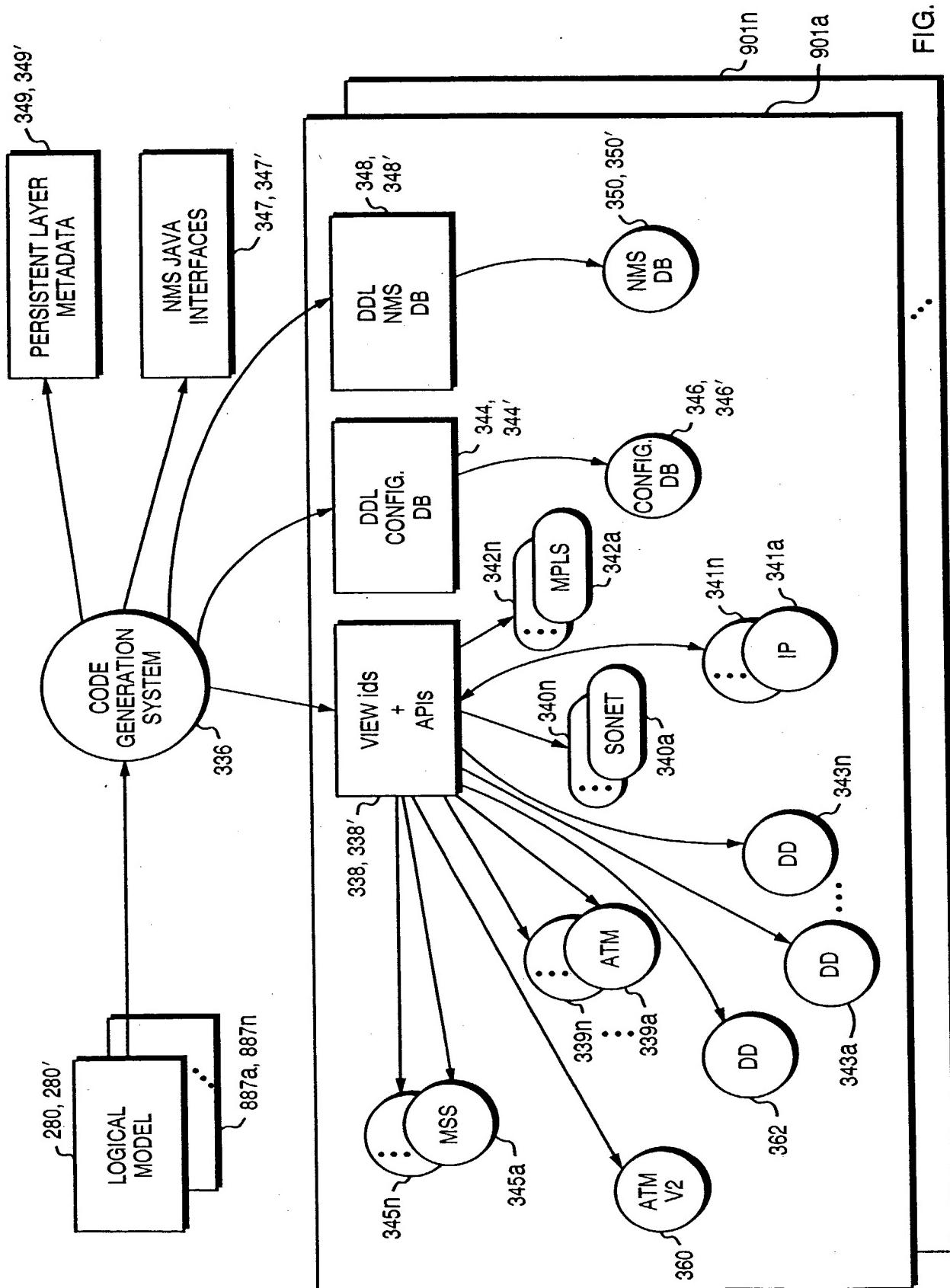


FIG. 3C

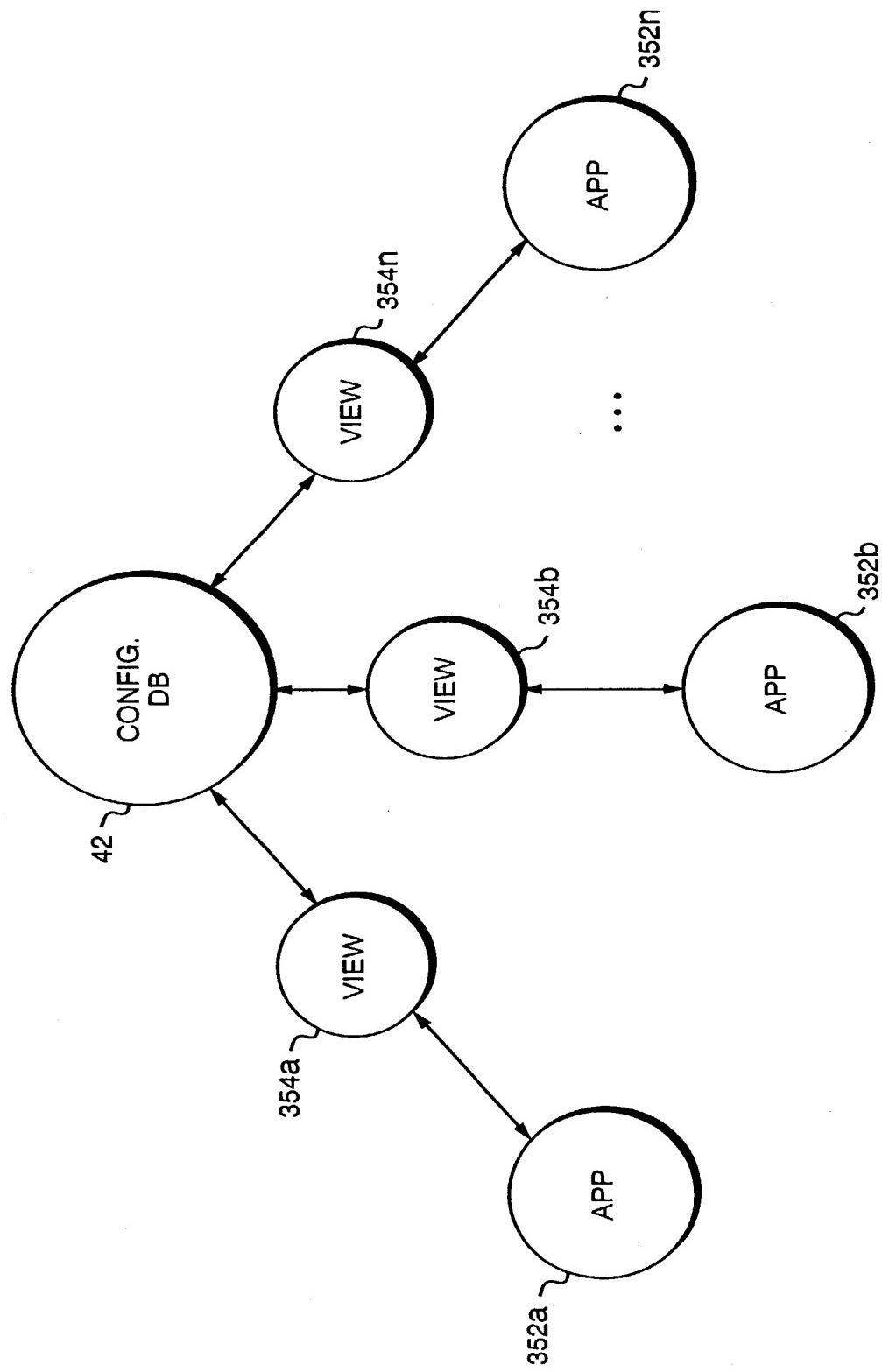


FIG. 3D

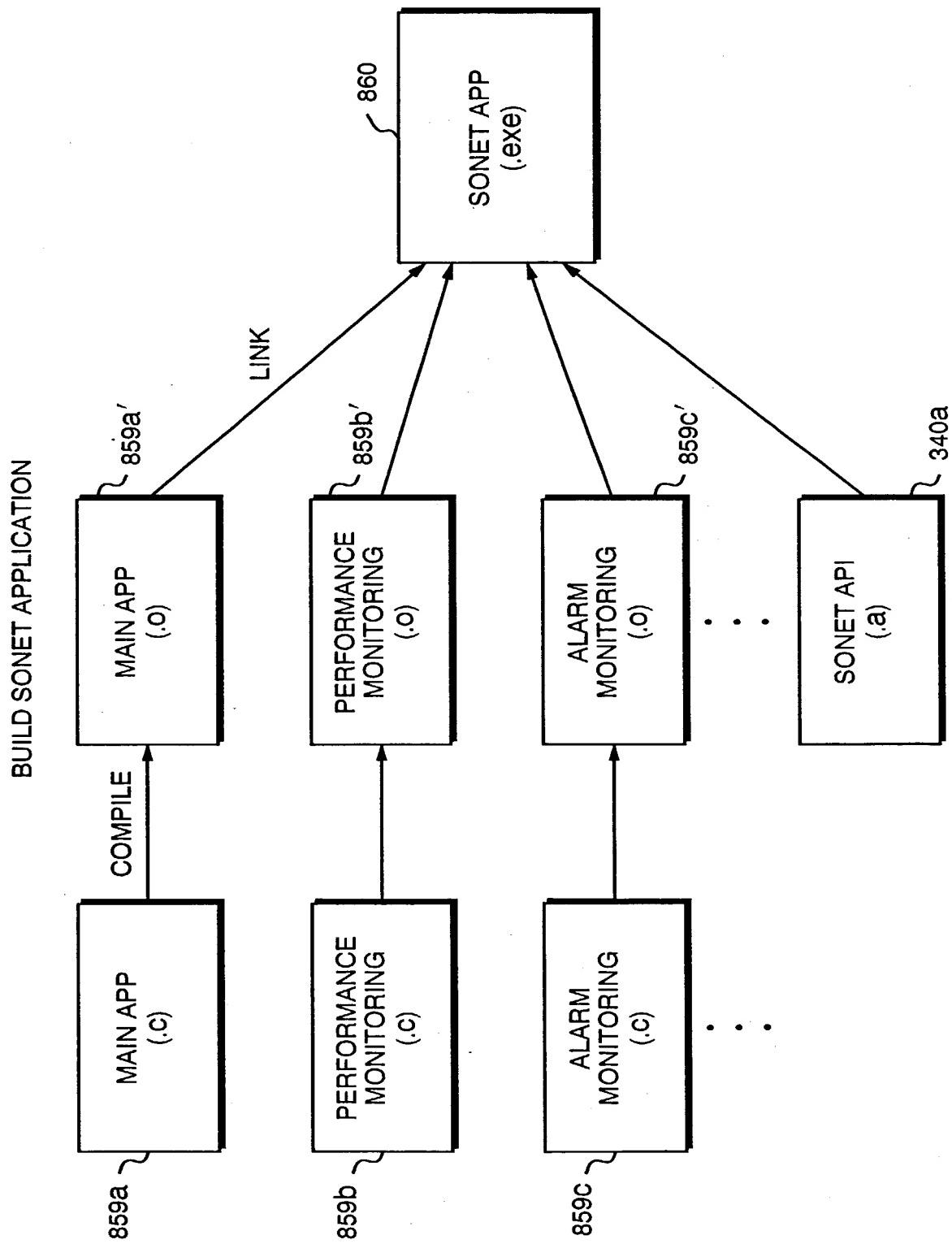


FIG. 3E

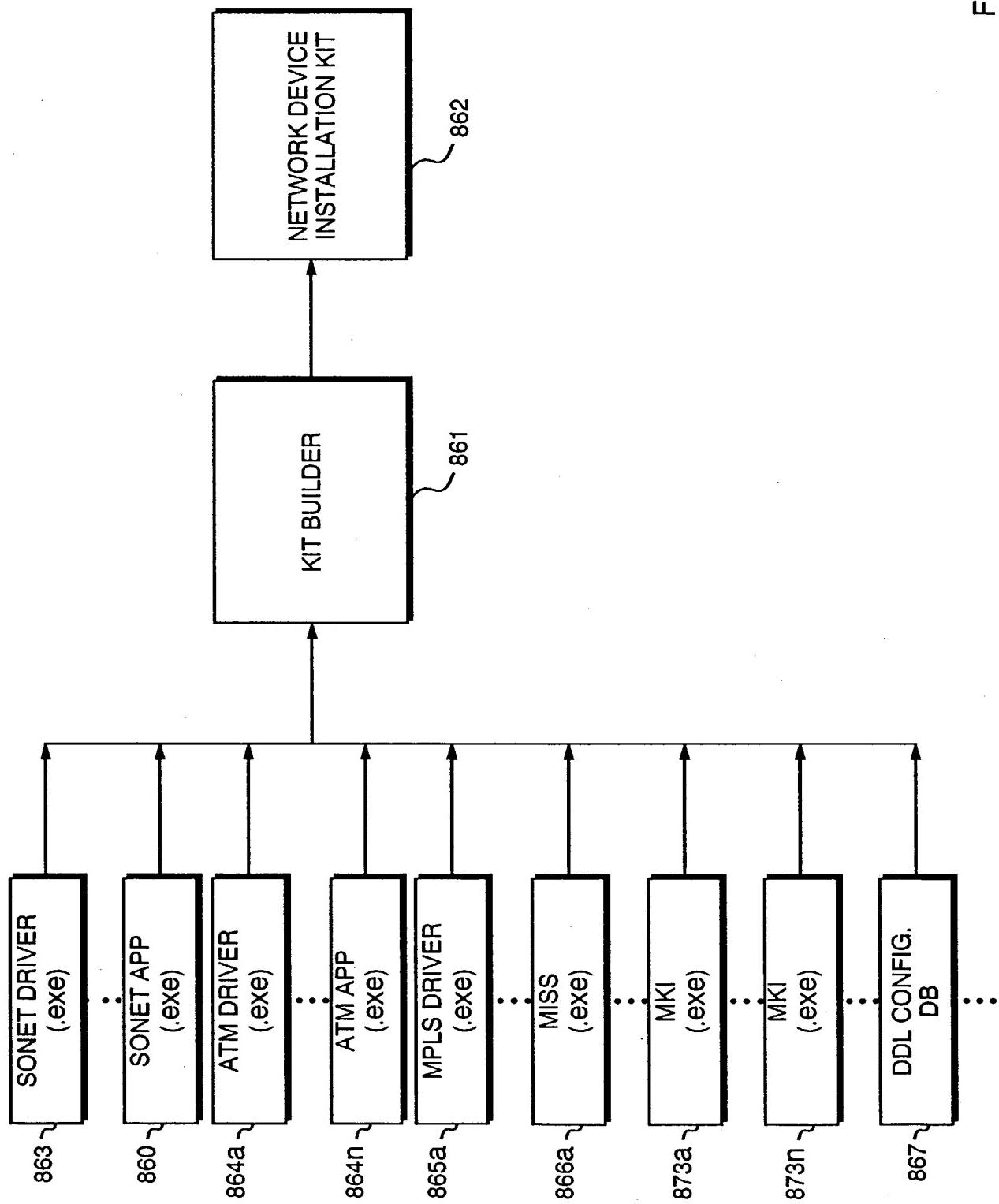


FIG. 3F

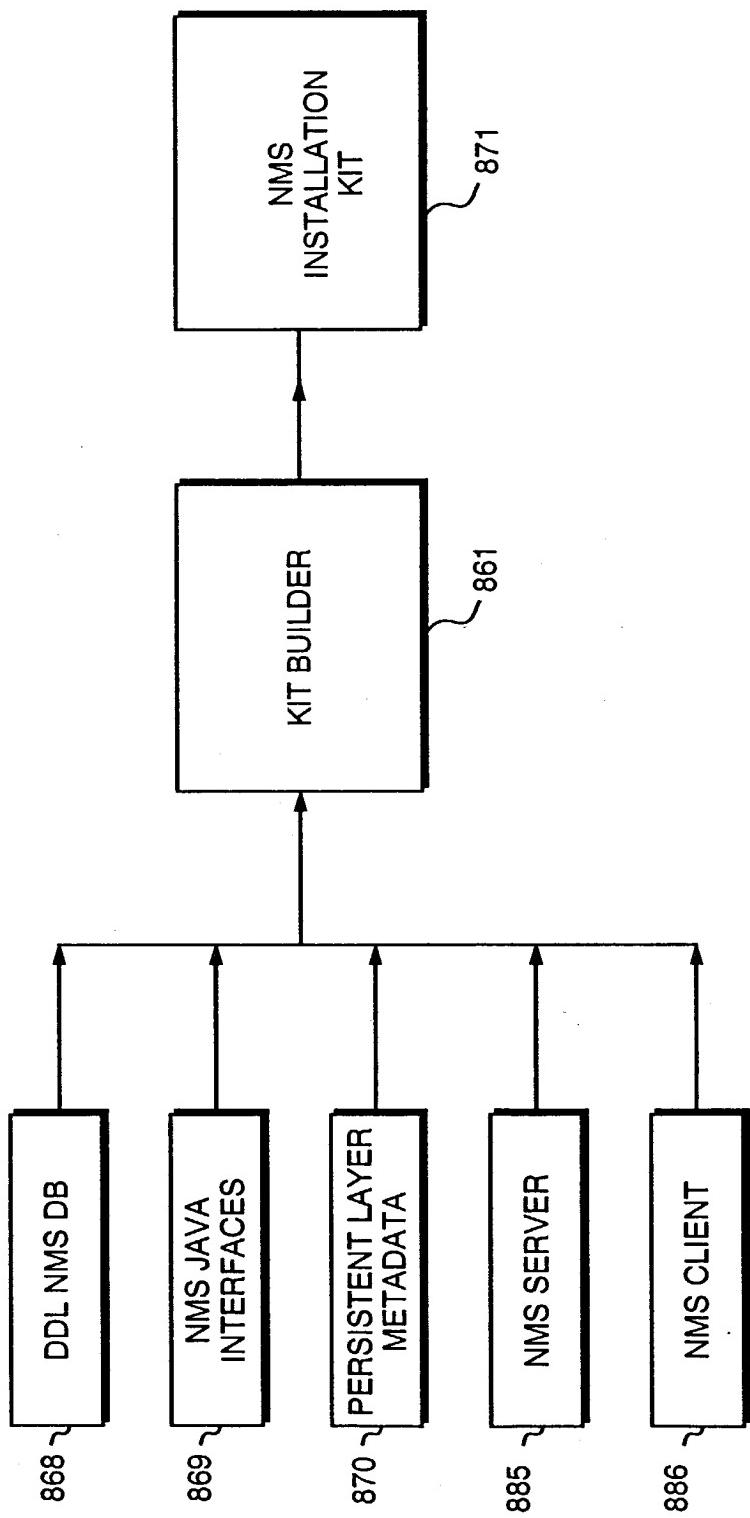


FIG. 3G

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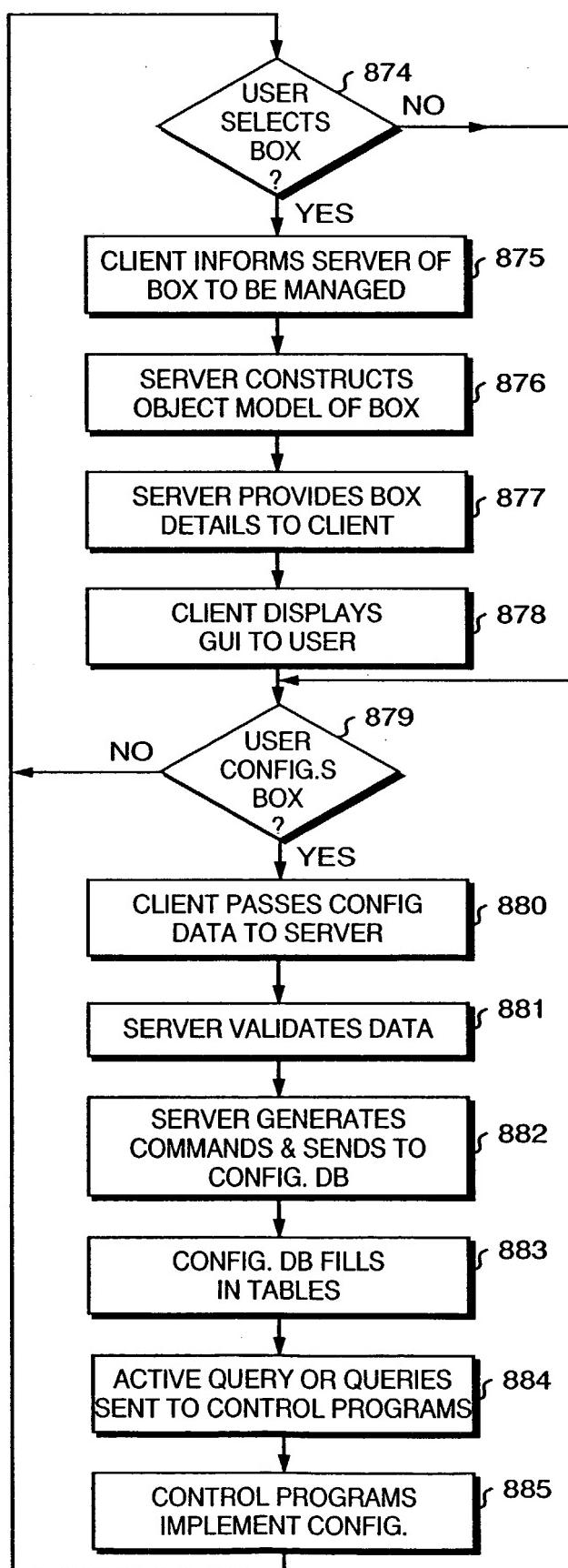


FIG. 3H

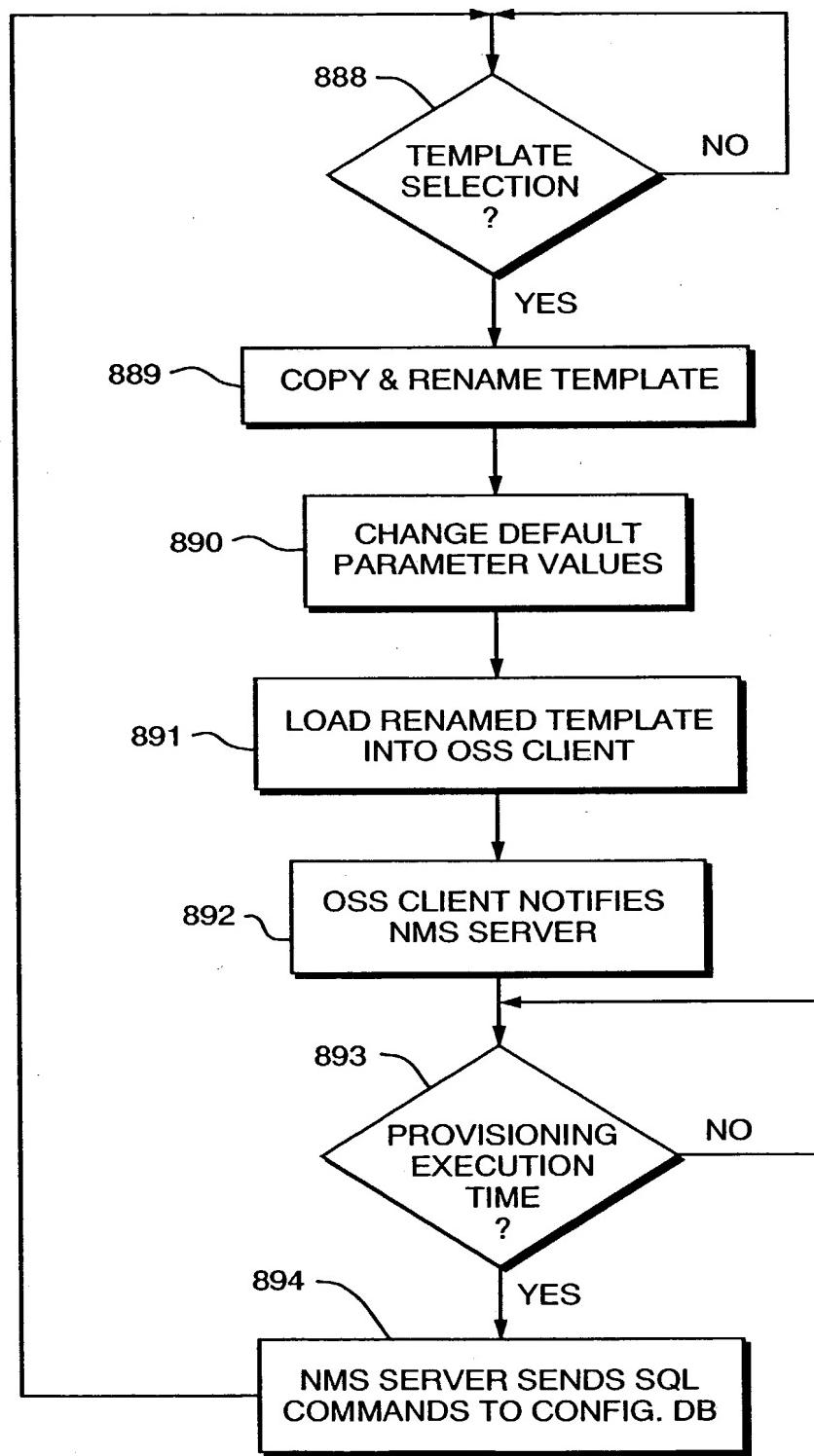


FIG. 3I

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MS Command Prompt [2] - enetcli

```
Enetcli>
Enetcli> help
Commands are:

bye
close
execute
help
load
manage
open
quit
showCurrent
showTemplate
set
status
writeCurrent
writeTemplate
Enetcli>
Enetcli>
Enetcli> showCurrent SPATH
```

912 {

913 {

914 {

TO FIG. 3K

FIG. 3J

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FROM FIG. 3J

915 {
ATMIfName=ATMIf11/1/1
Concatenated=false
Name=Path11/1/1
Operant=SPATH
Operator/Create
PortID=1
Position=1
Service=ATM
ShelfID-11
SlotID=1
Type=Terminated
Version=V1_1_Ø_Ø
Width=STS3
Enetcli>
Enetcli>
Enetcli>

916 {
Enetcli> showTemplate SPATH
ATMIfName=<String>[TerminatedOnly]
Concatenated=<true:false>
Name=<String>
Operant=SPATH
Operator=<Create:Replace:Update:Delete>
PortID=<Integer><1-16>
Position=<Integer>
Service=<None :ATM>
ShelfID=<11[top],13[bottom]>
SlotID=<Integer><1-8>
Type=<switched :Terminated>
Version=V1_1_Ø_Ø
Width=<STS1:STS3:STS12:STS48
Enetcli>
Enetcli>

917 {
Enetcli> status

919 {
Not currently connected to server

920 {
Supporting templates: CONTROL, PVC, SPATH, SPVC, TD, and VAIF
Enetcli>

FIG. 3K

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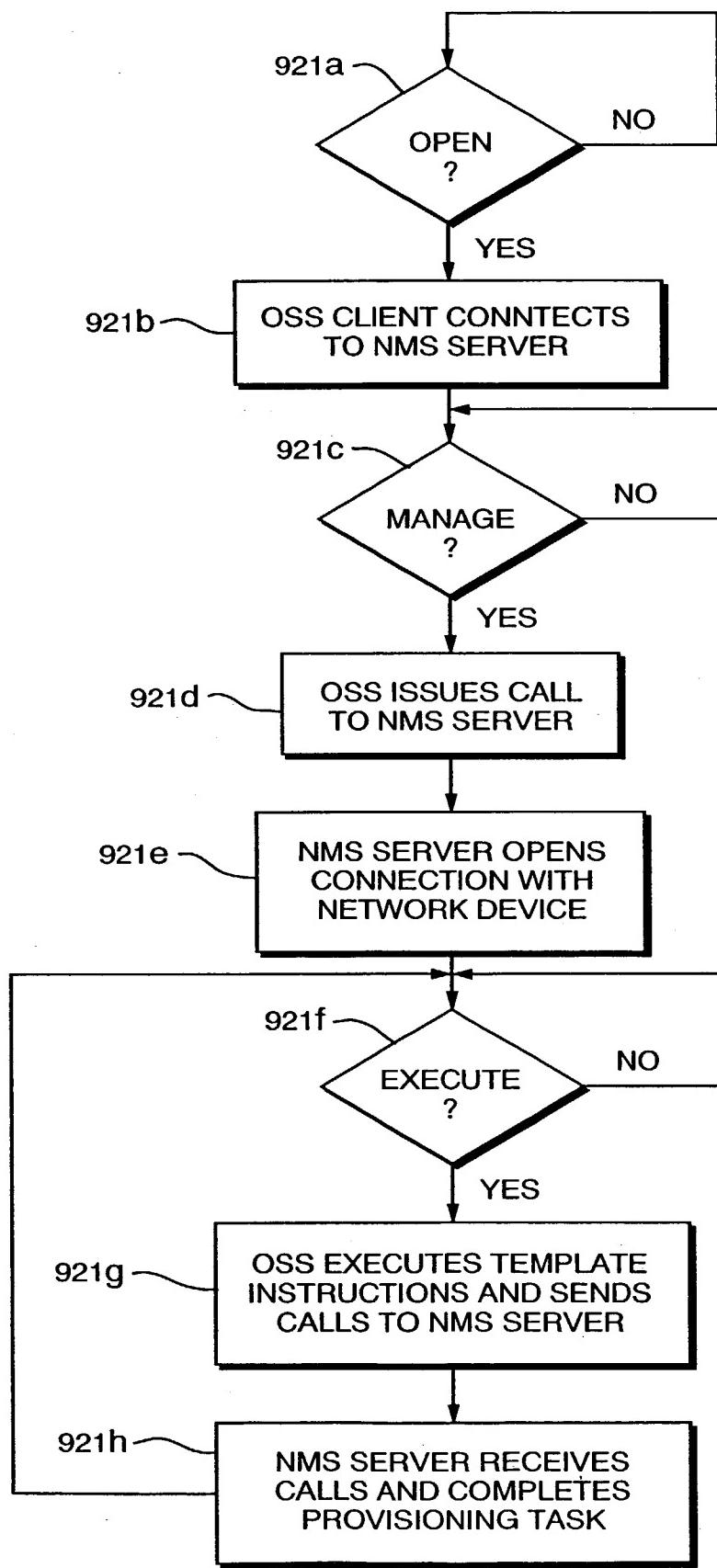


FIG. 3L

MS Command Prompt [2] - enetcli

```
Enetcli>
922 ~ Enetcli> showCurrent CONTROL
      input=Q:\nms\com\equipecom\nms\utils\enetcli
      Interactive=false
      Operant=CONTROL
923d ~ Operator=Manage
923f ~ Output=Q:\nms\com\equipecom\nms\utils\enetcli
923c ~ Password=None
923e ~ System=192.168.9.202
923b ~ User=None
923g ~ Version=V1_1_Ø_Ø
923a ~ Server=localhost
Enetcli>
```

FIG. 3M

BATCH
924

Operant=BATCH
Operator=Execute
Version=V1_1_0_0
924a ~ TASK1=execute-SPATH
924b ~ TASK2=execute-PVC
924c ~ TASK3=execute-SPVC
924d ~ TASK4=load-SPVC-spvc1
924e ~ TASK5=execute-SPVC
924f ~ TASK6=load-SPVC-spvc2
924e ~ TASK7=execute-SPVC
•
•
924g ~ TASK50=set-SPATH-PortID-3
924h ~ TASK51=execute-SPATH
924i ~ TASK52=set-SPATH-SlotID-2
924j ~ TASK53=execute-SPATH

FIG. 3N

925

Operant=BATCH
Operator=Execute
Version=V1_1_0_0

925a ~ TASK1=execute-CONTROL
925b ~ TASK2=execute-SPATH
925c ~ TASK3=set-SPATH-PortID-3
925d ~ TASK4=execute-SPATH
•
•
•
925e ~ TASK61=set-CONTROL-System-192.168.9.201
925f ~ TASK62=execute-CONTROL
925g ~ TASK63=execute-SPATH
•
•
•
925h ~ TASK108=close
925i ~ TASK109=set-CONTROL-Server-Server1
925j ~ TASK110=set-CONTROL-System-192.168.8.200
925k ~ TASK111=execute-CONTROL
925l ~ TASK112=execute-SPATH
•
•
•

FIG. 30

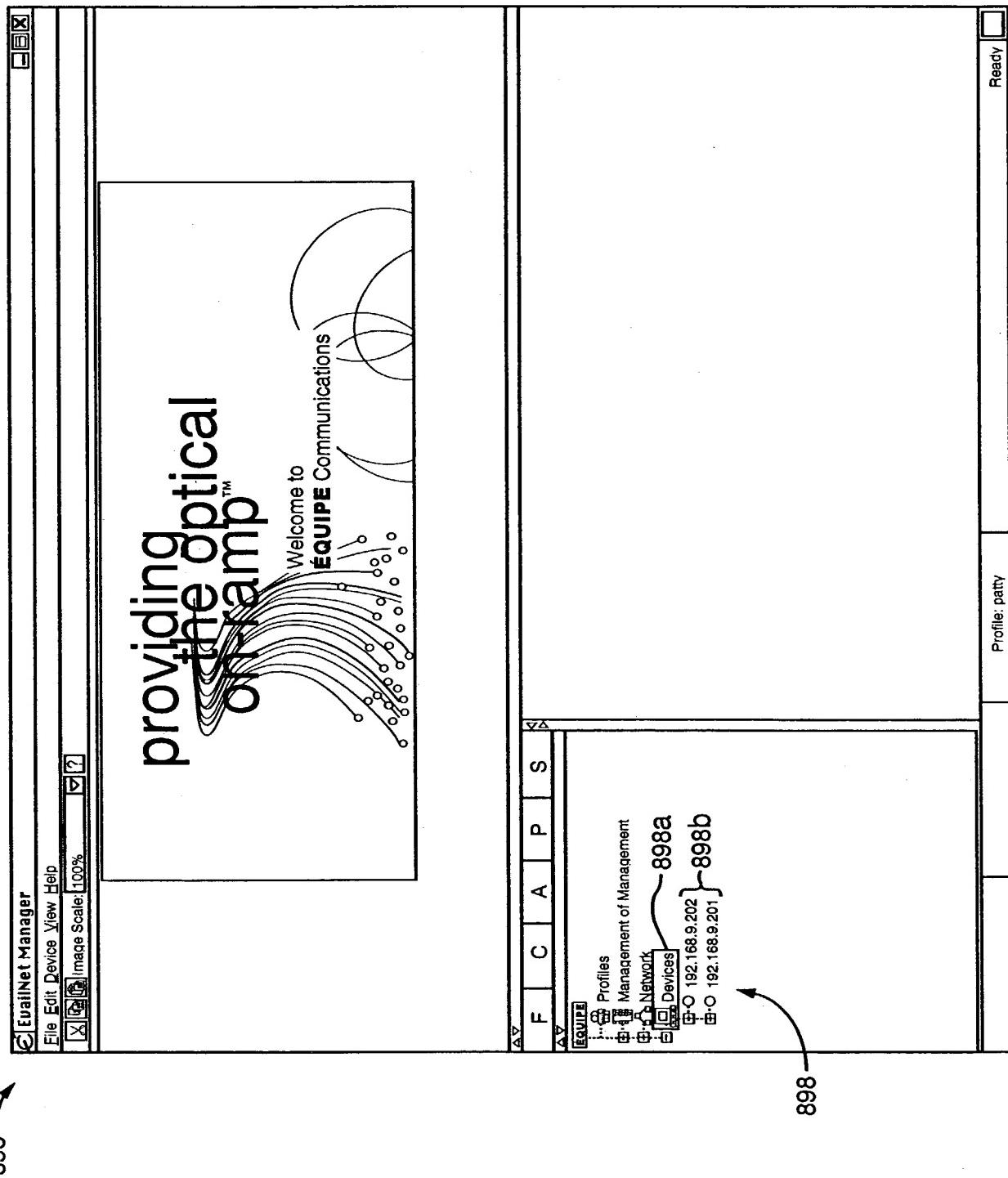


FIG. 4A

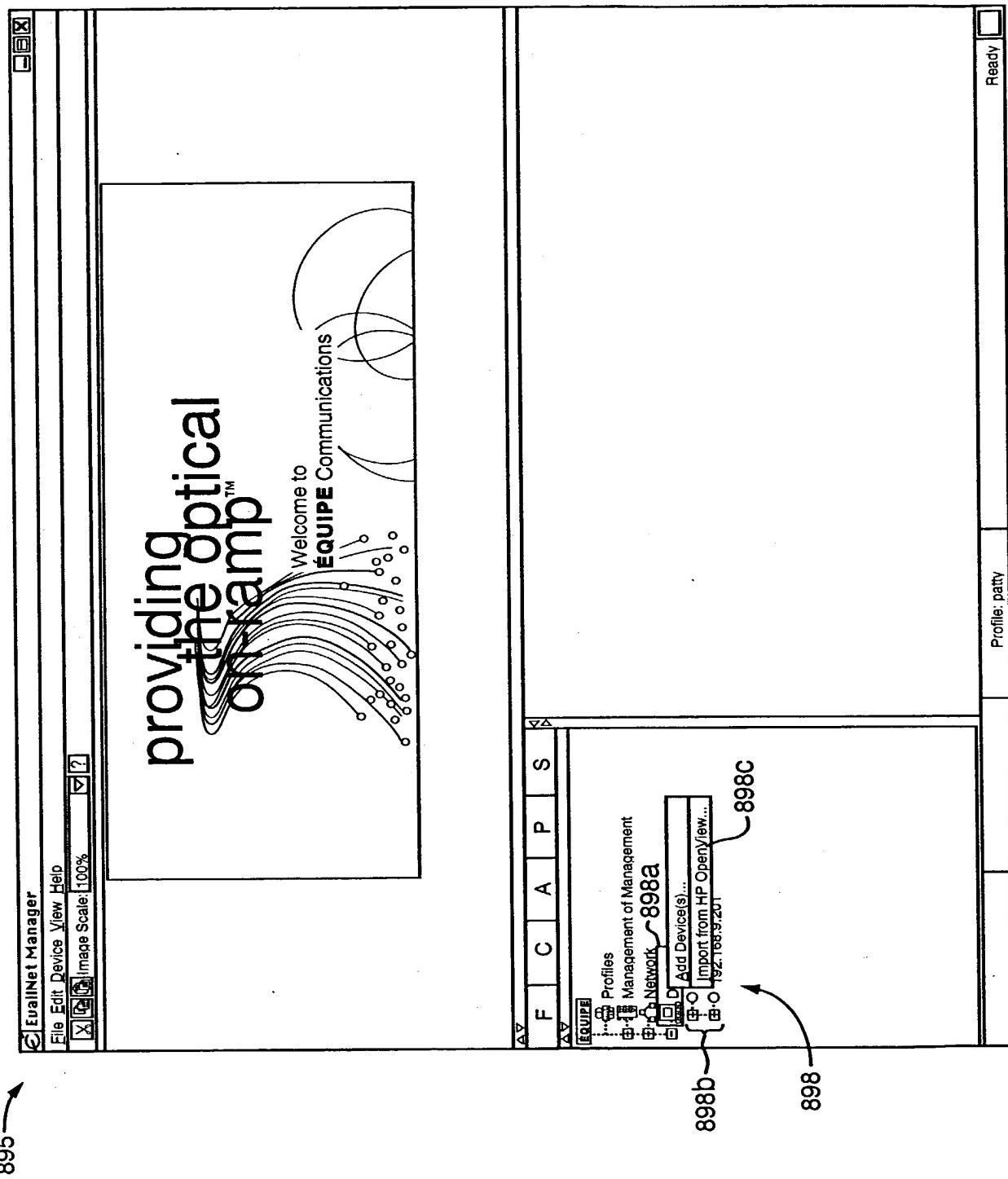


FIG. 4B

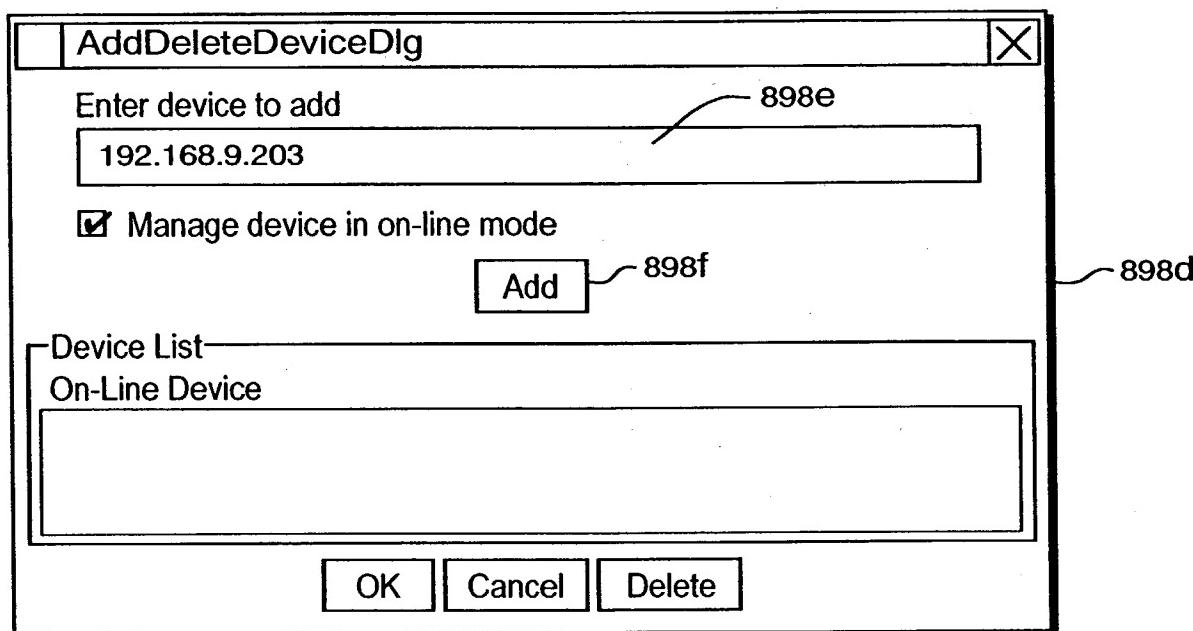


FIG. 4C

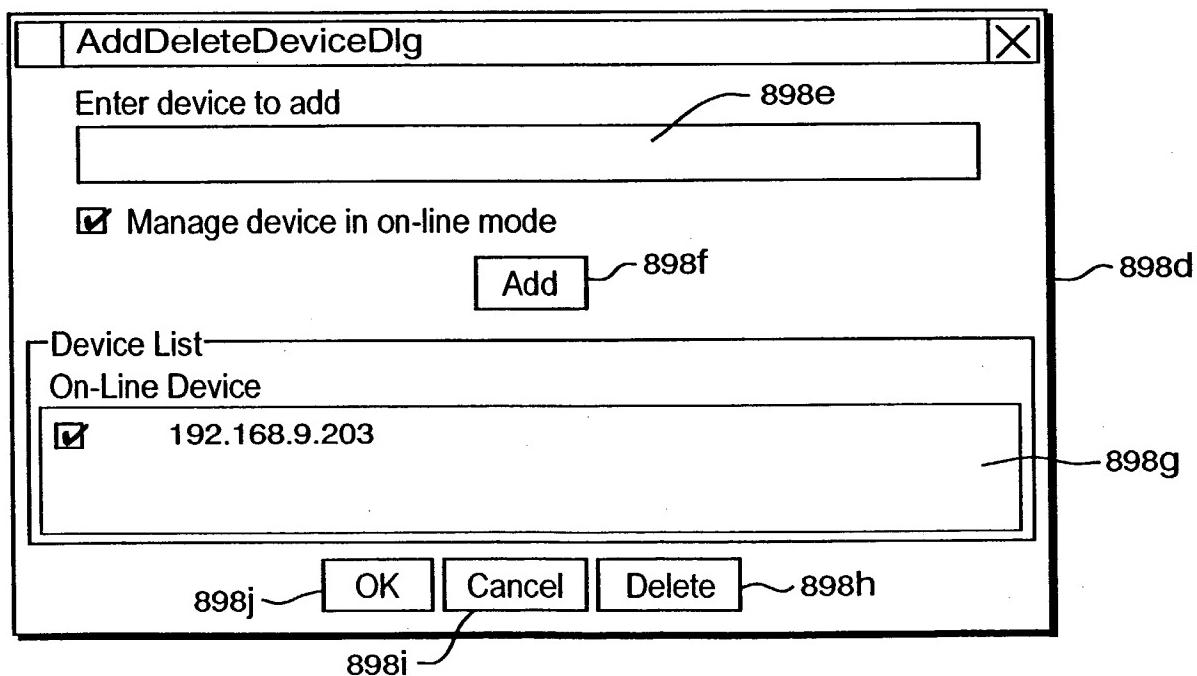


FIG. 4D

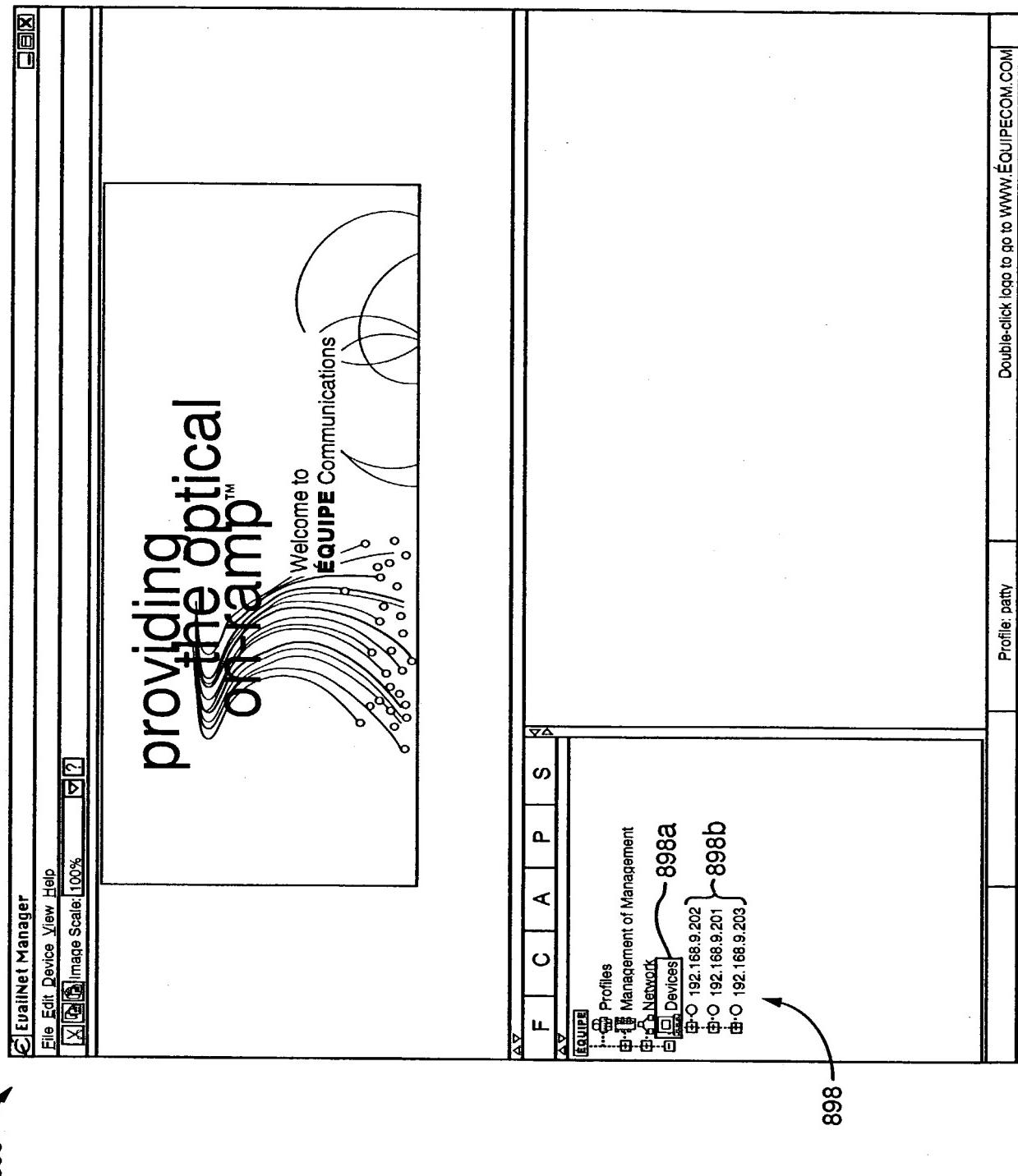


FIG. 4E

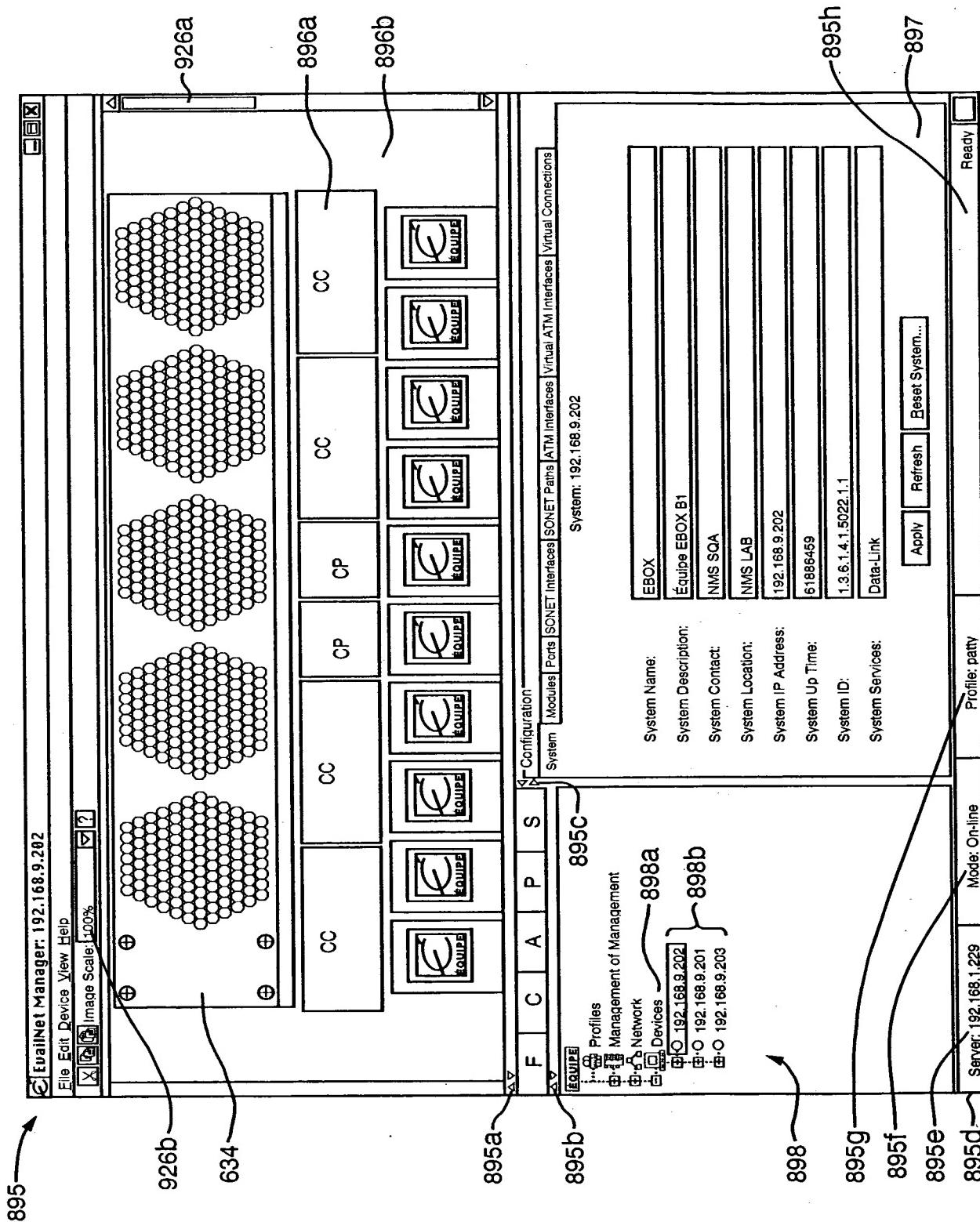


FIG. 4F

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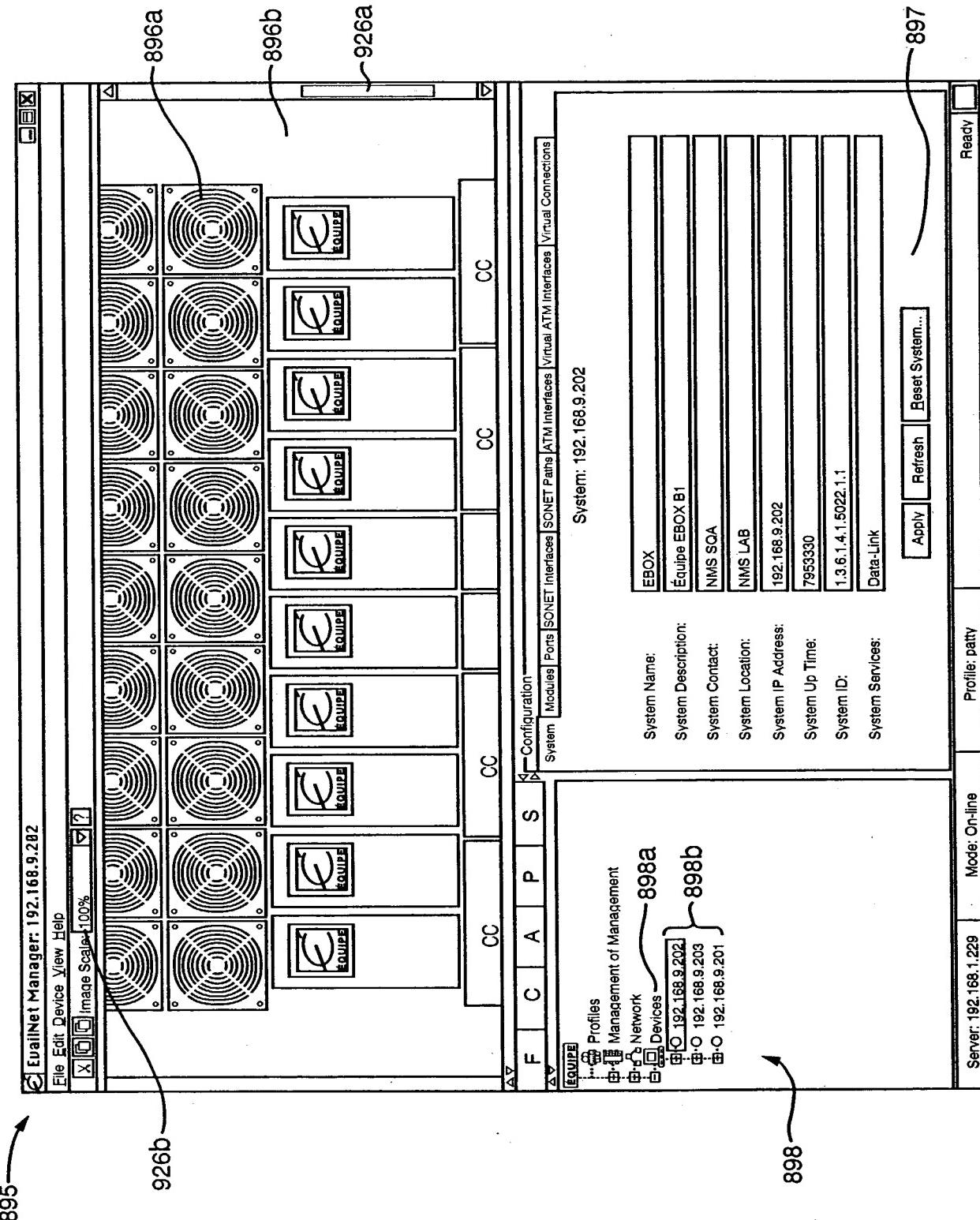
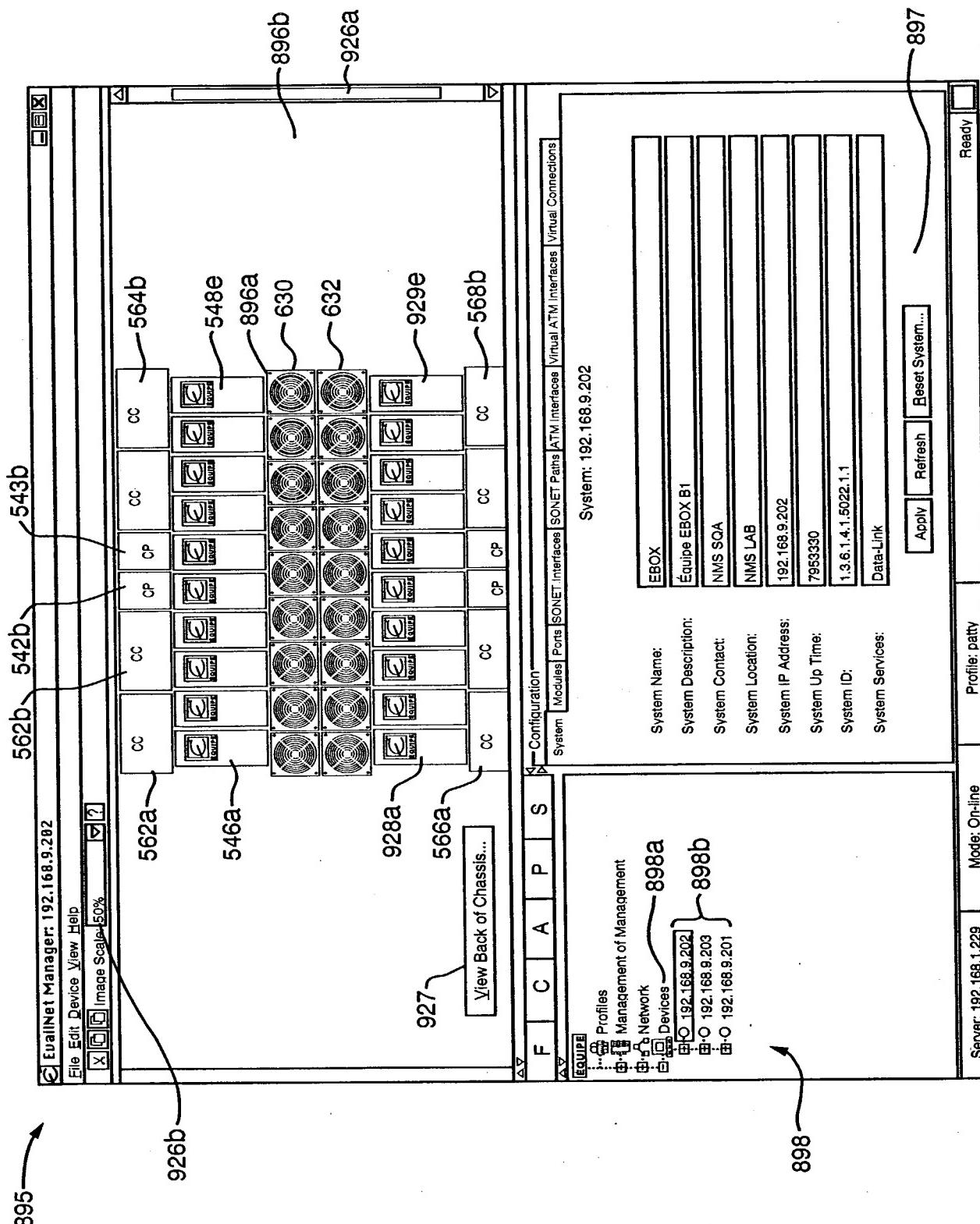
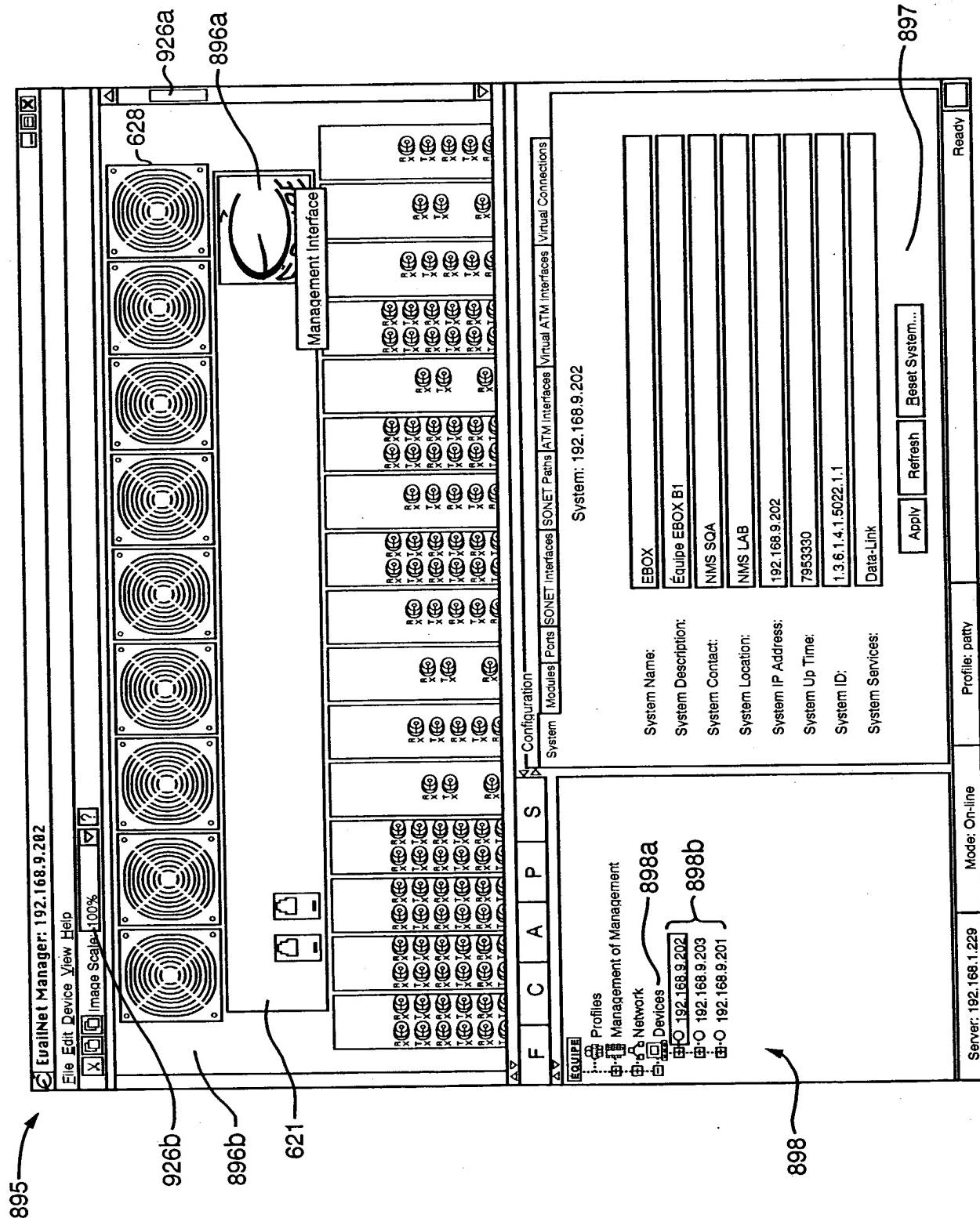


FIG. 4G





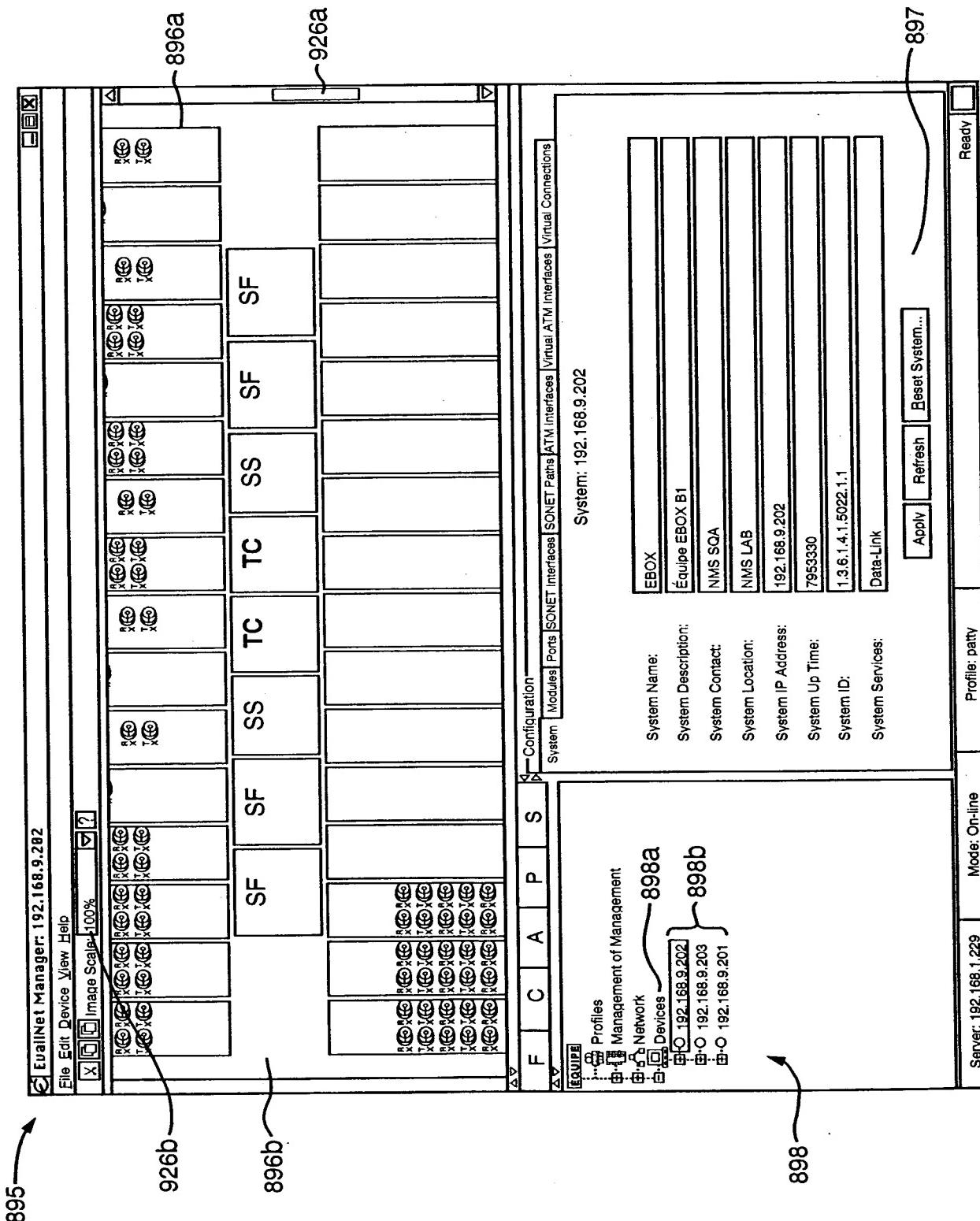


FIG. 4J

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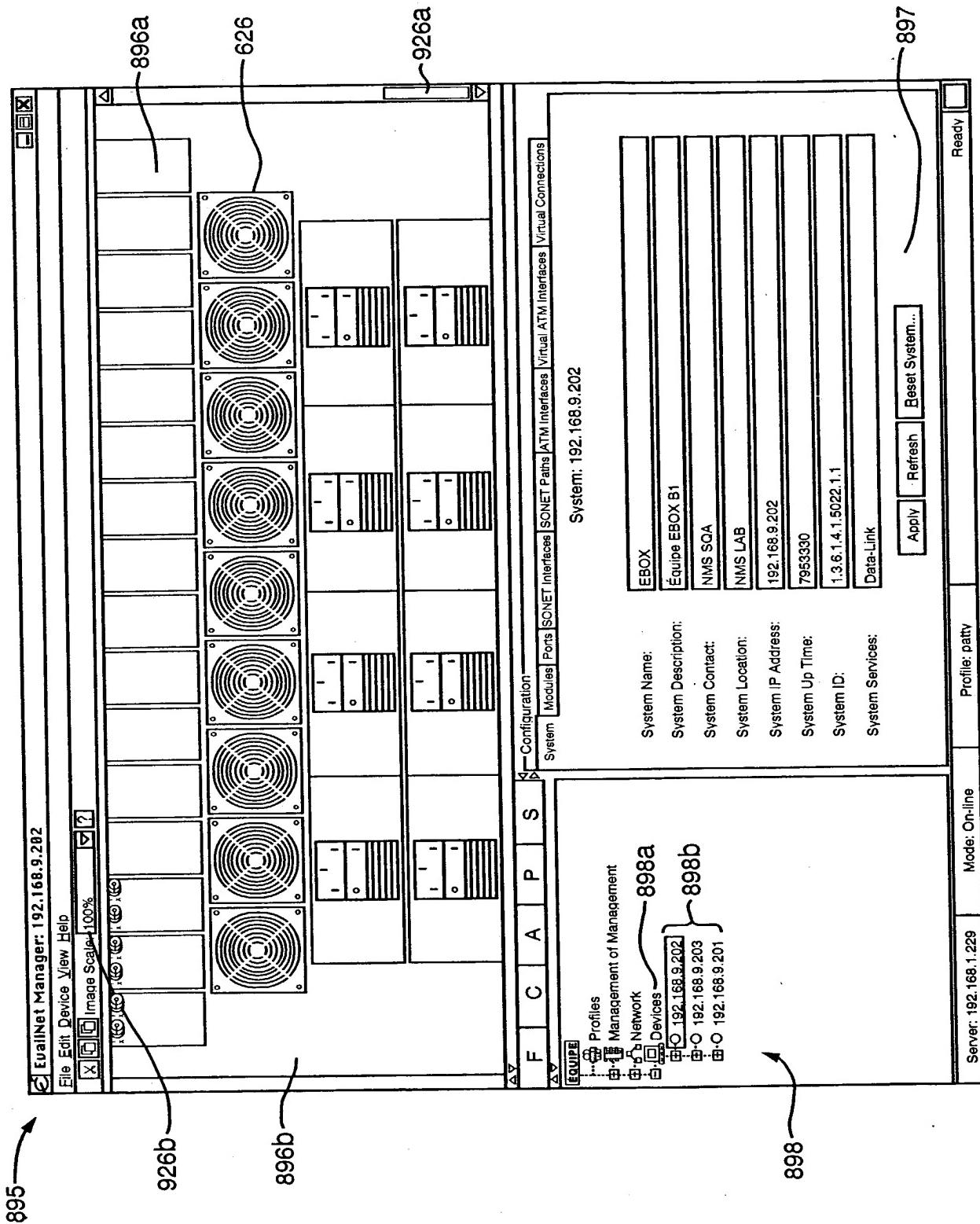


FIG. 4K

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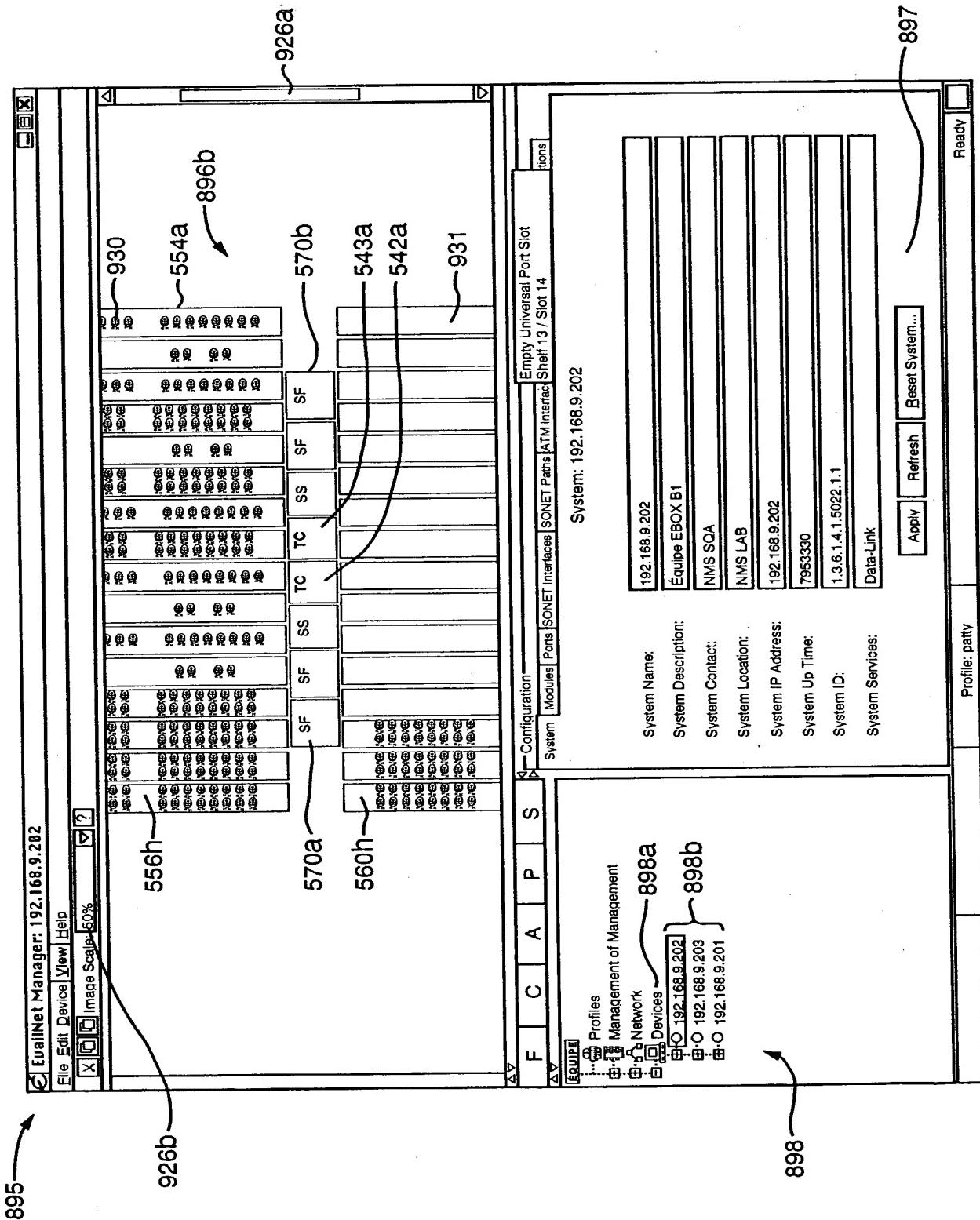


FIG. 4L

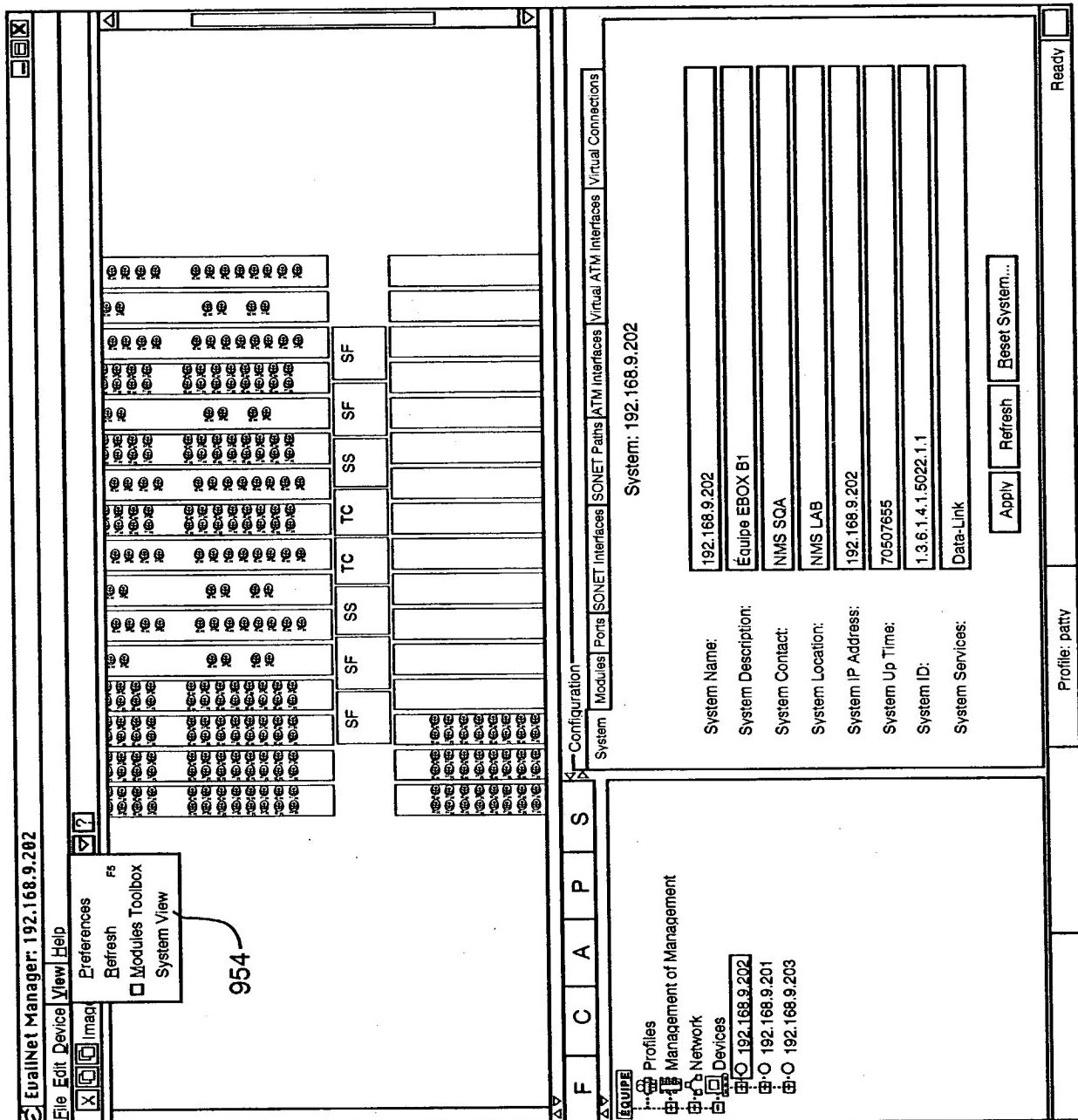


FIG. 4M

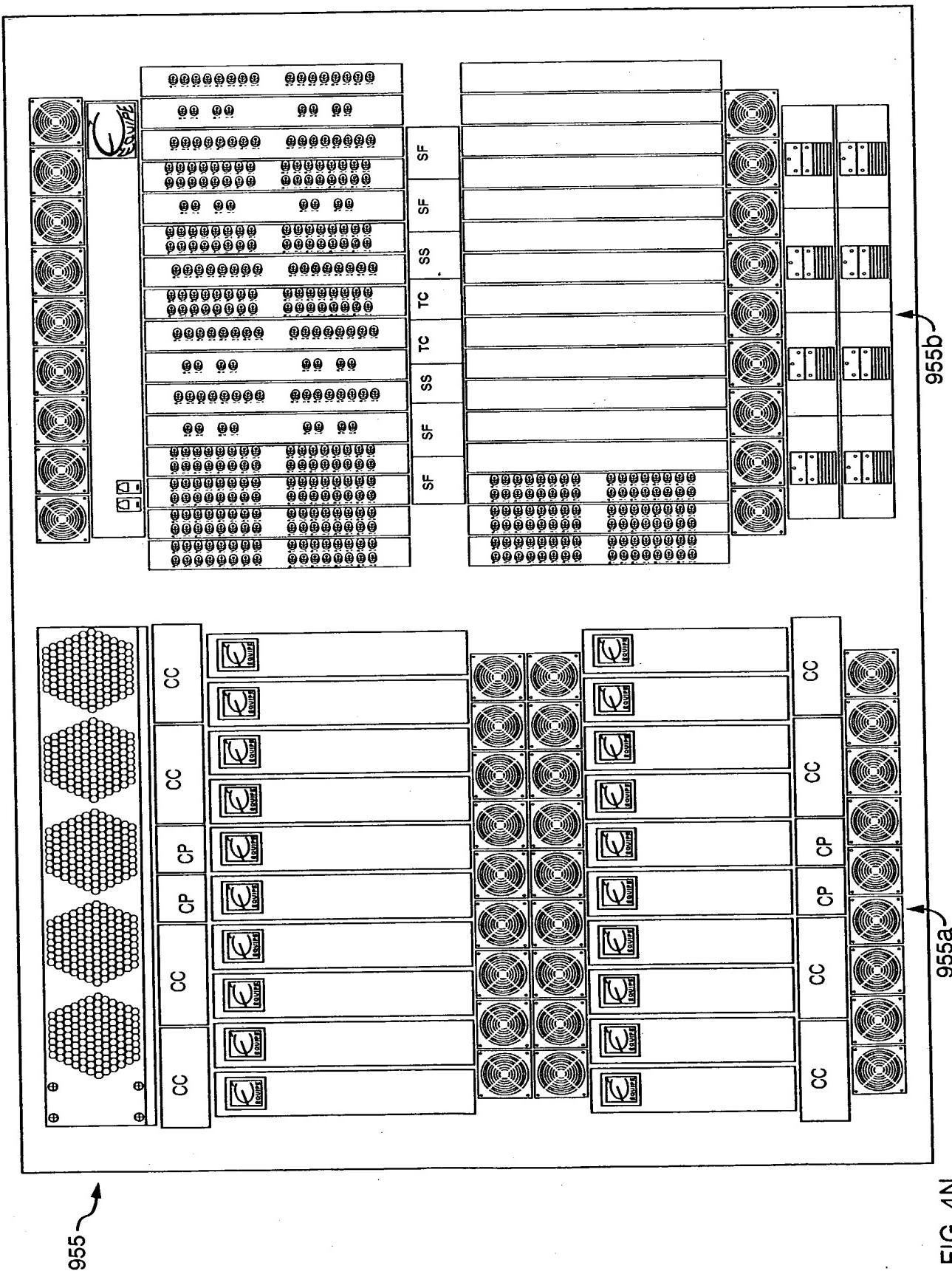


FIG. 4N

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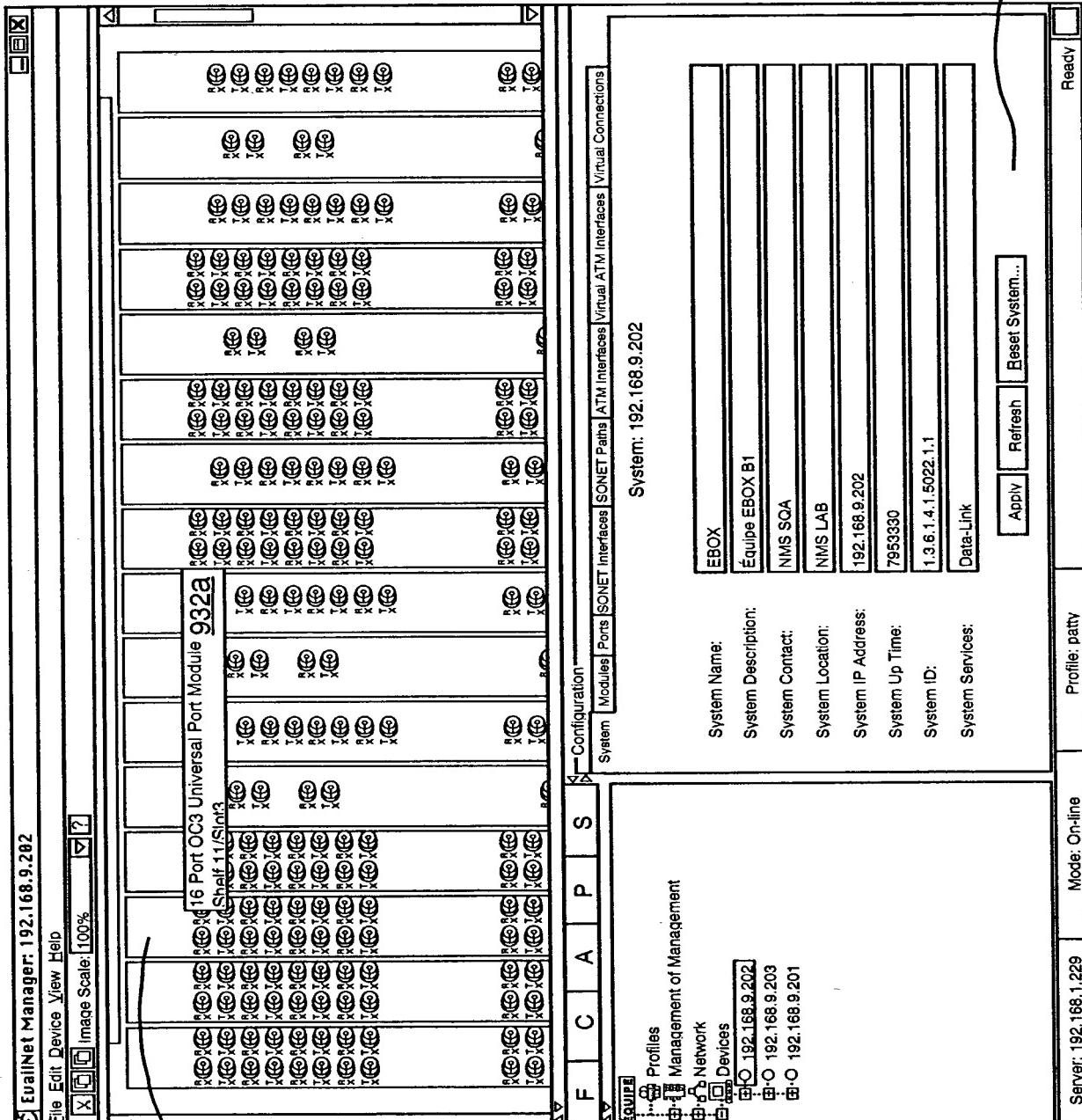


FIG. 40

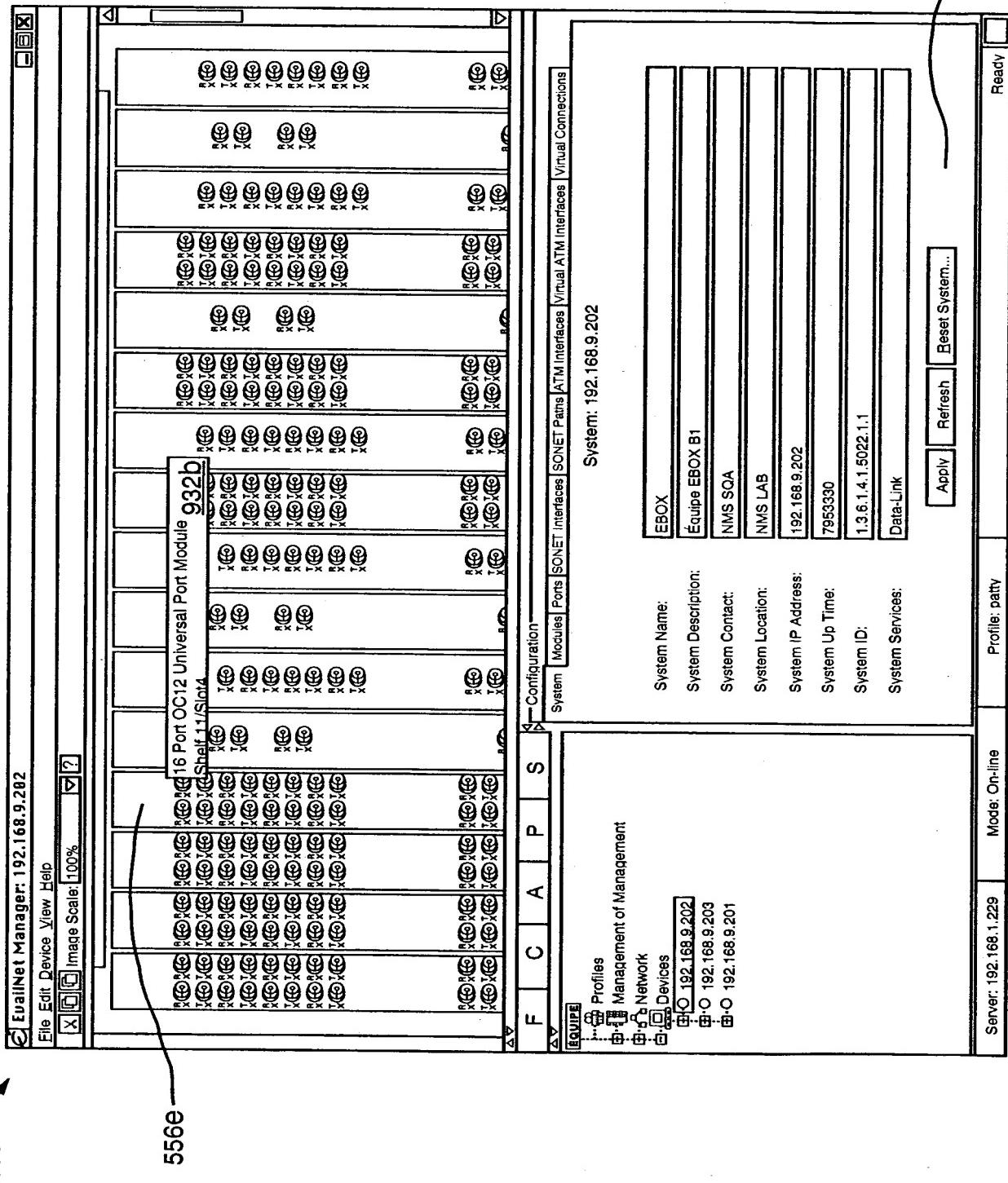


FIG. 4P

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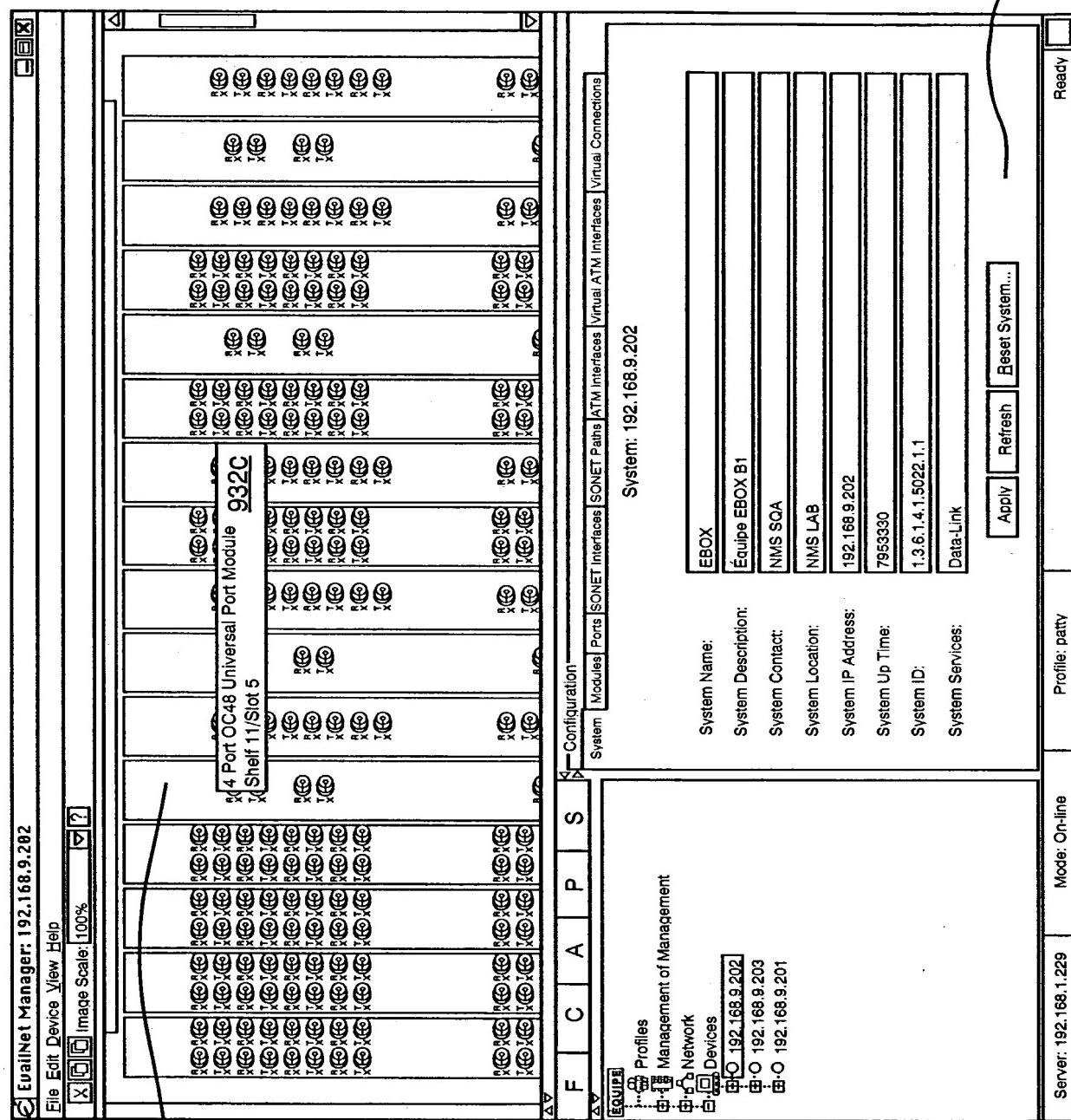


FIG. 4Q

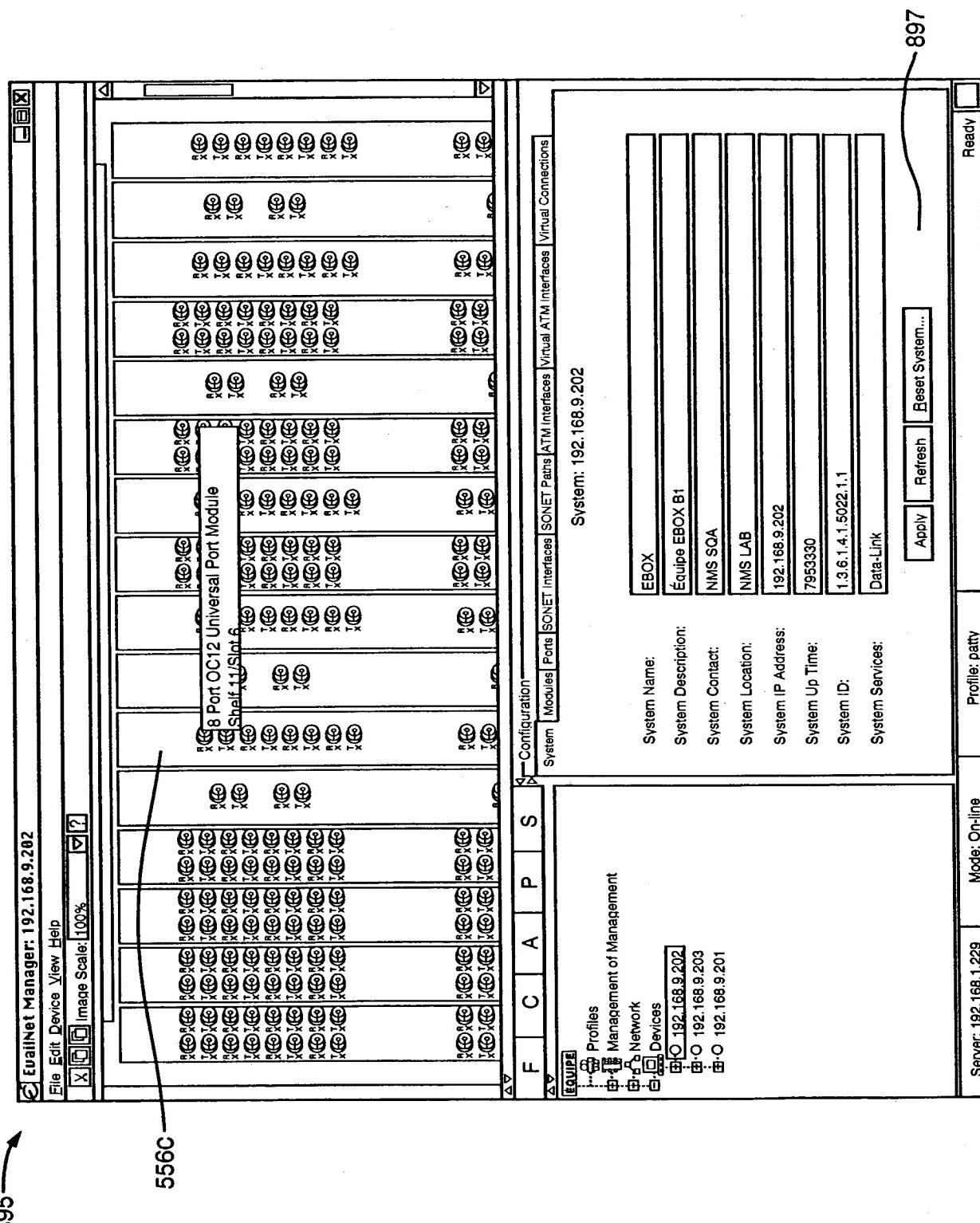


FIG. 4R

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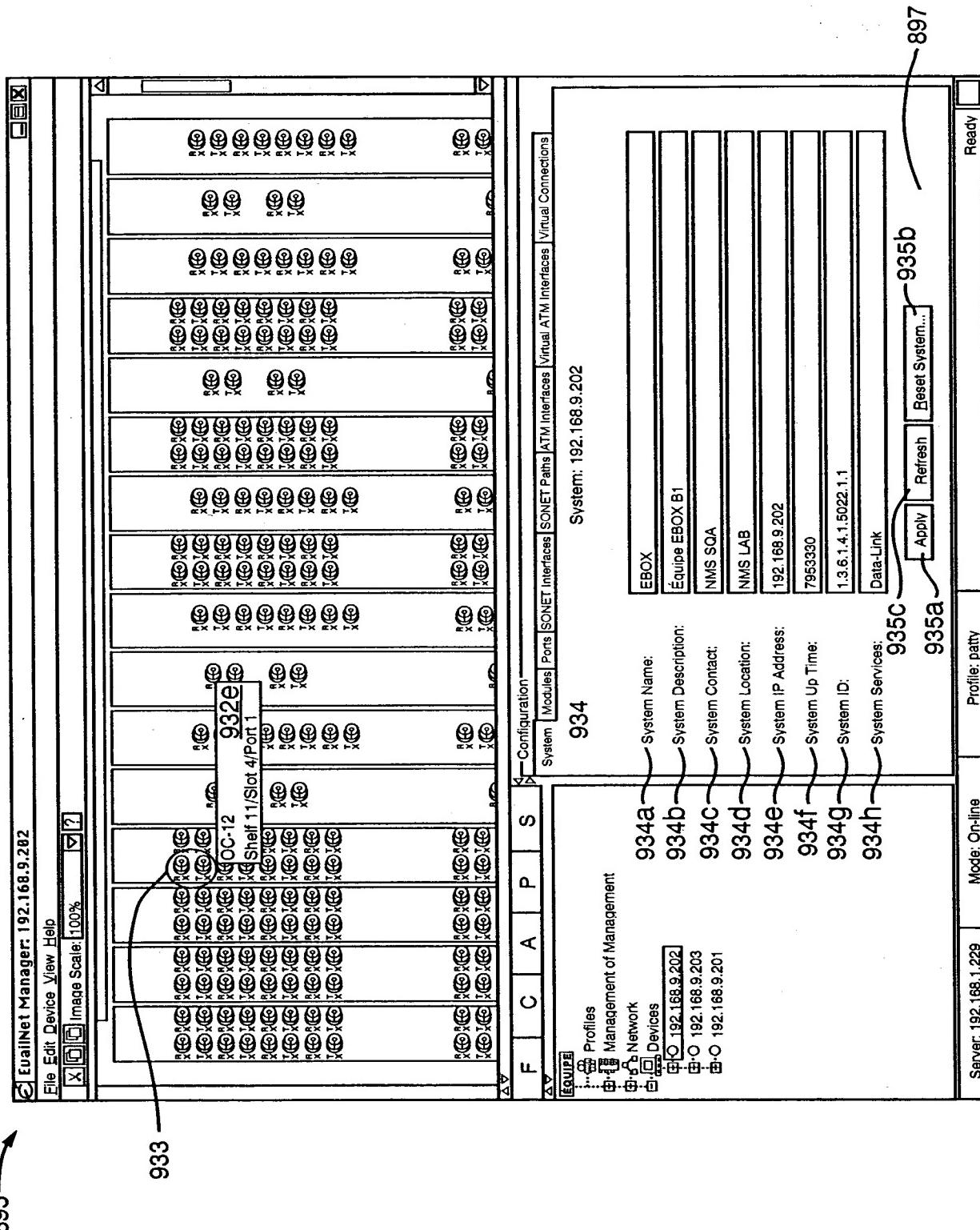


FIG. 4S

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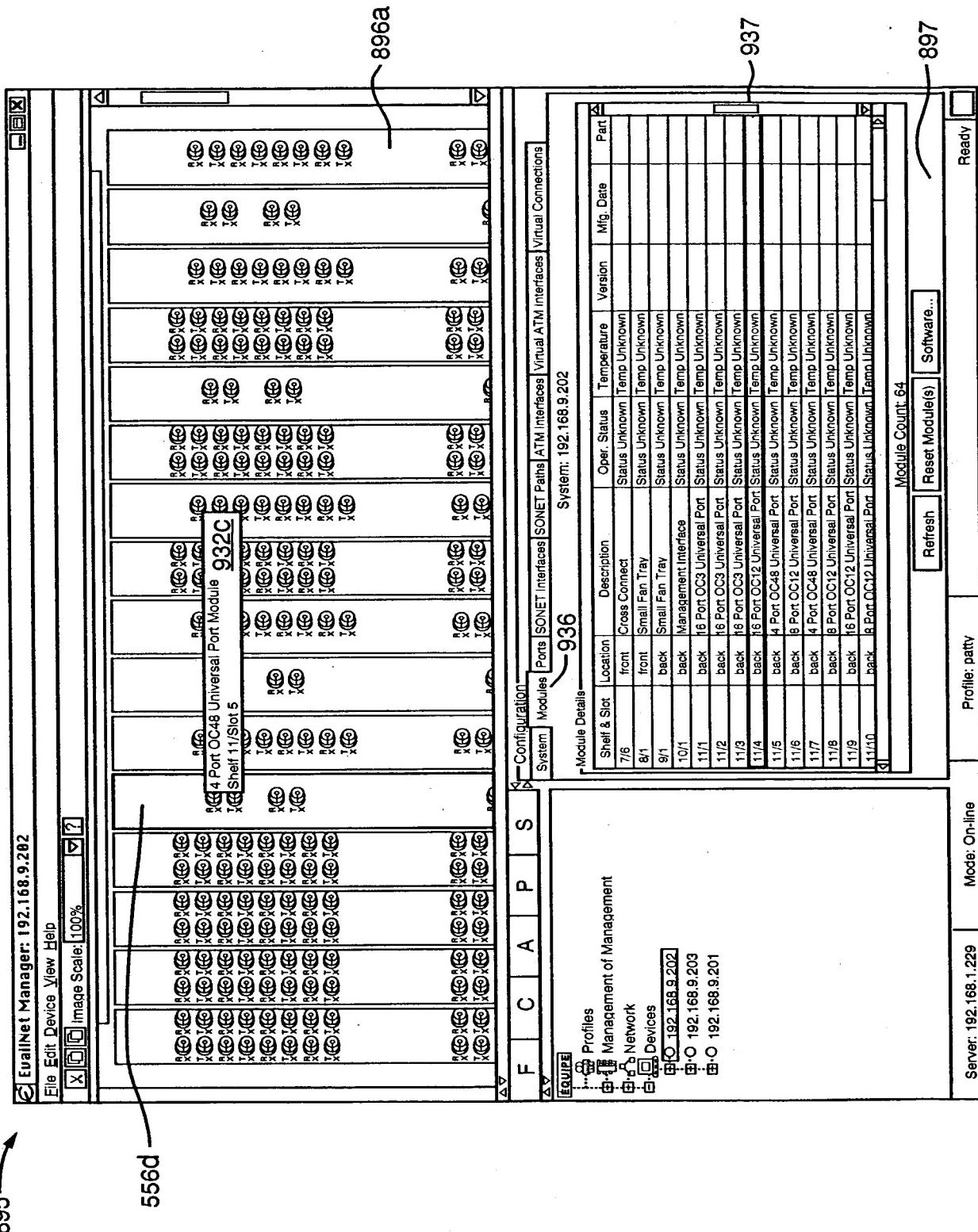


FIG. 4T

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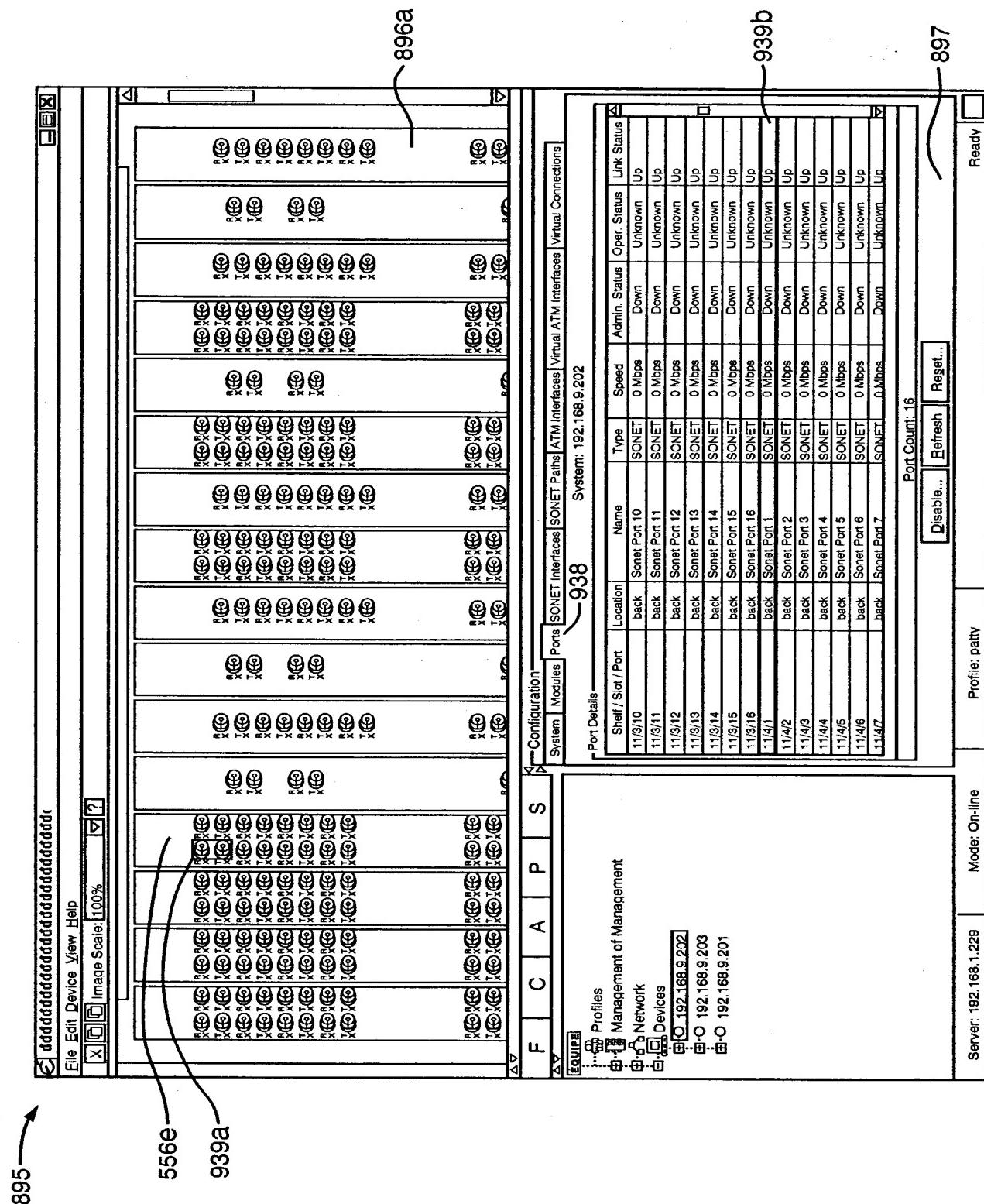


FIG. 4U

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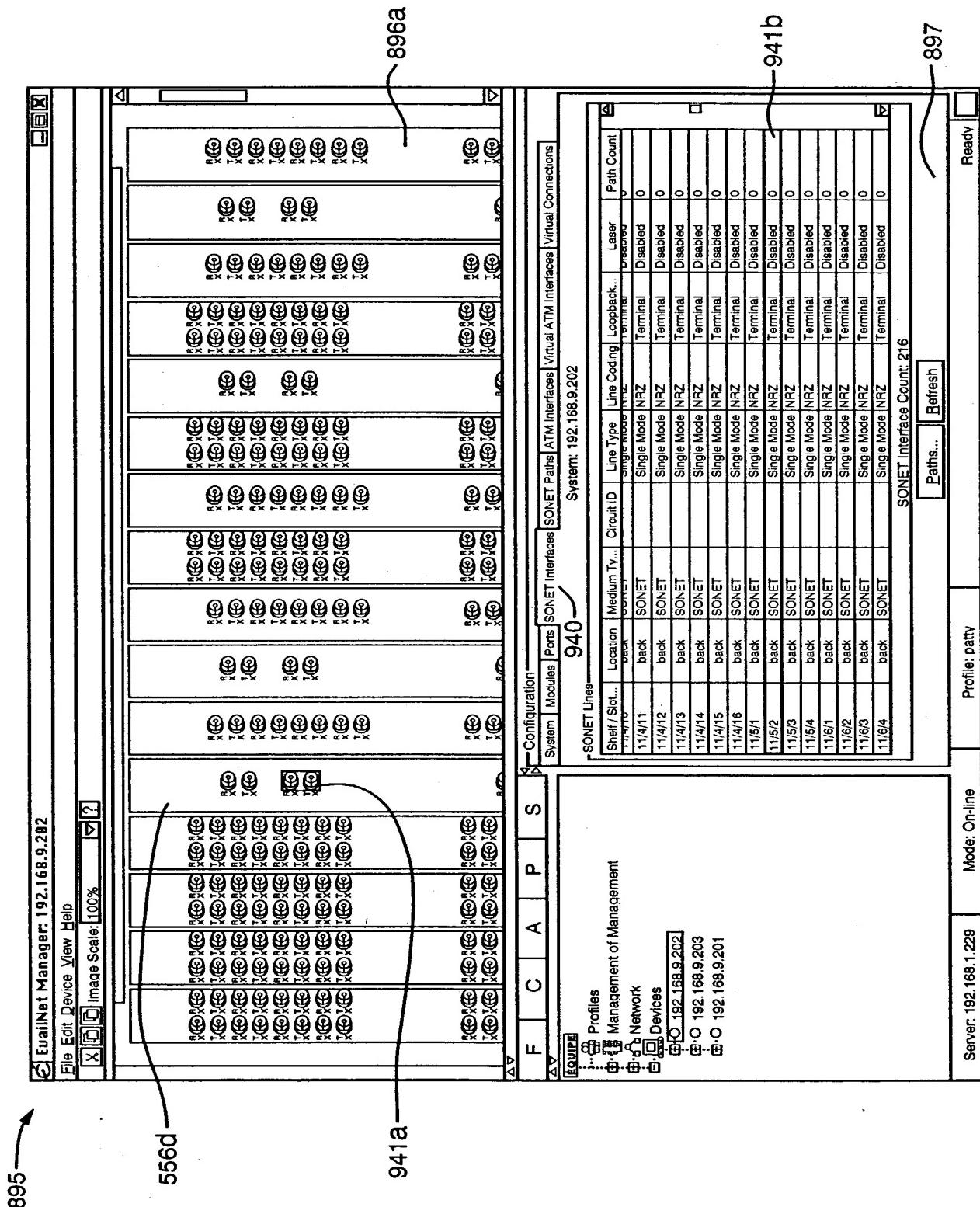


FIG. 4V

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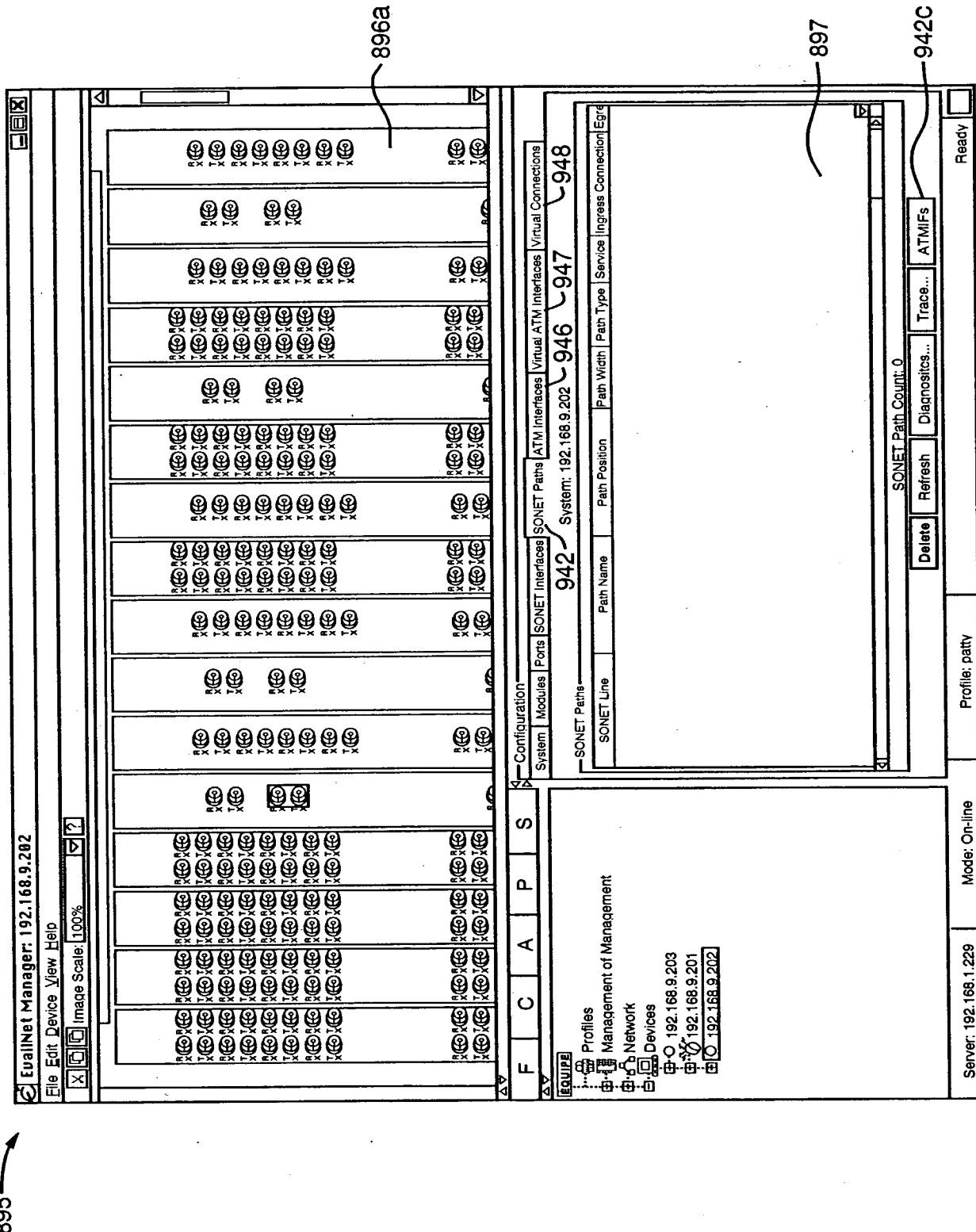
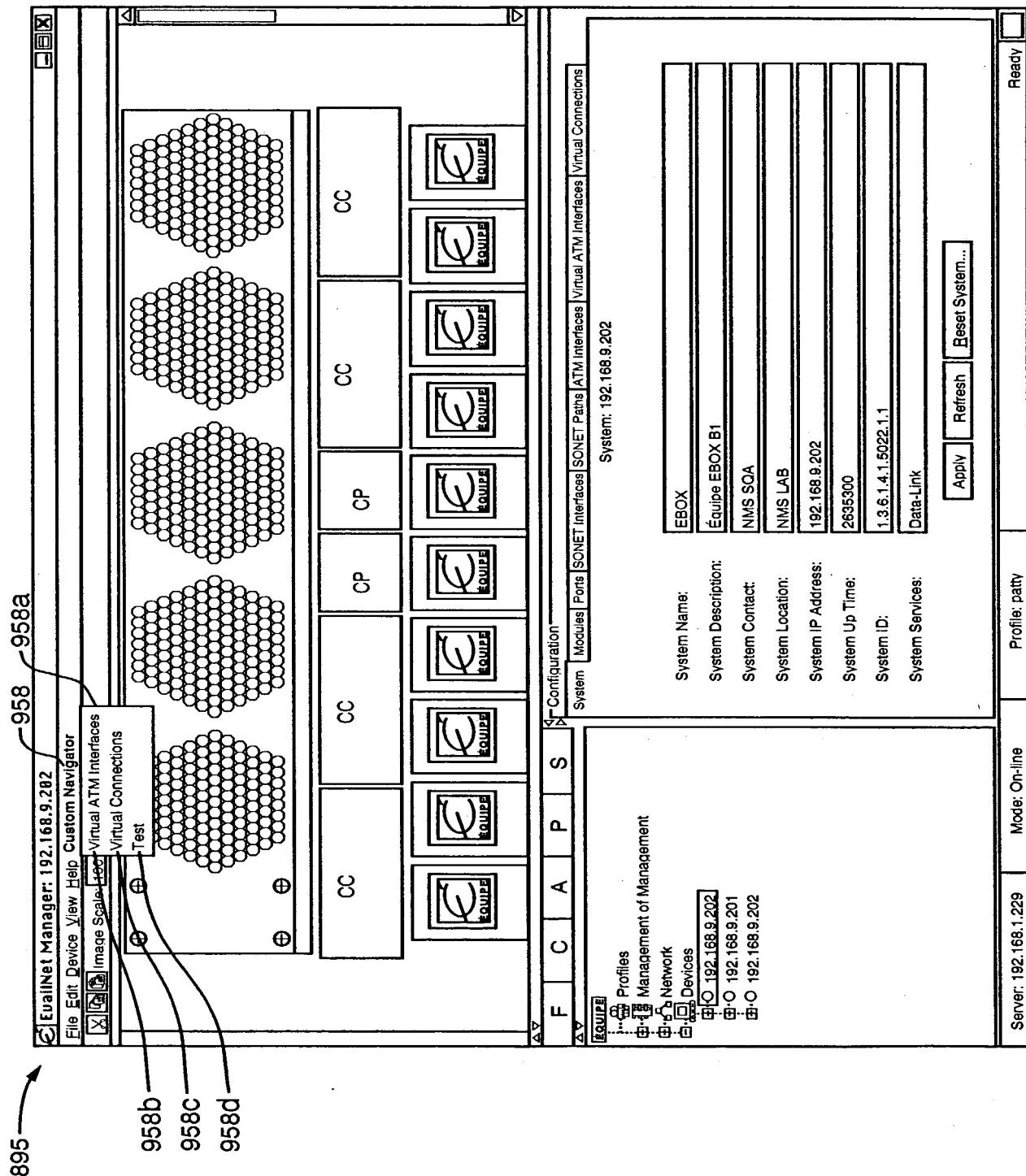


FIG. 4W



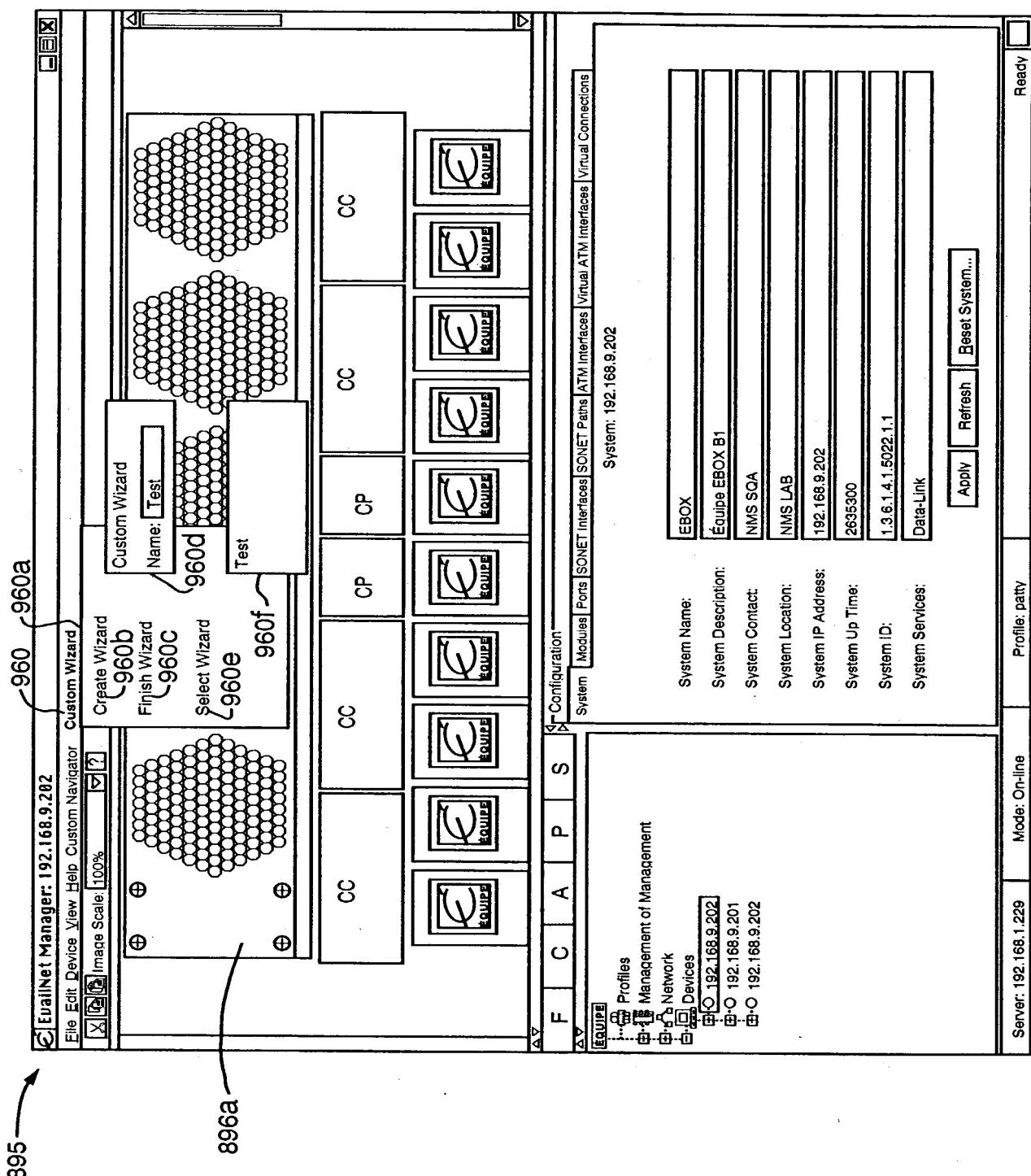


FIG. 4Y

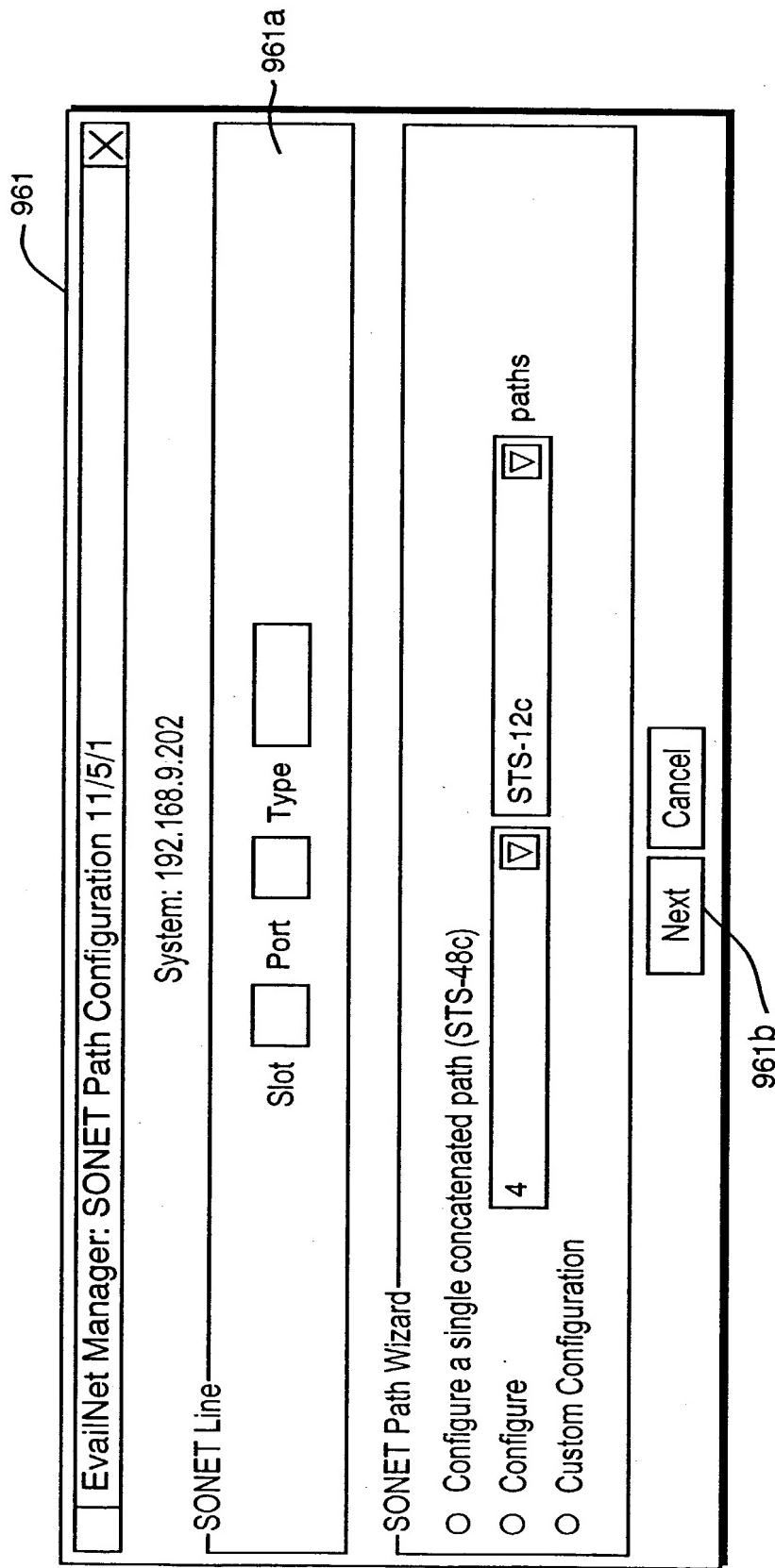


FIG. 4Z

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Diagram illustrating the EqualNet Manager interface across four panels (943, 939a, 938, 895) showing network configurations and port status.

Panel 943: Shows a rack-mounted switch with multiple slots. A context menu is open over one of the ports, listing options: Port Properties, Port Reset, Configure SONET Paths..., Show ATM Interfaces, Show Virtual Interfaces, Add Virtual Connection..., Show ATM Statistics, and Show SONET Statistics.

Panel 939a: Shows a rack-mounted switch with multiple slots. A context menu is open over one of the ports, listing options: Port Properties, Port Reset, Configure SONET Paths..., Show ATM Interfaces, Show Virtual Interfaces, Add Virtual Connection..., Show ATM Statistics, and Show SONET Statistics.

Panel 938: Shows a rack-mounted switch with multiple slots. A context menu is open over one of the ports, listing options: Port Properties, Port Reset, Configure SONET Paths..., Show ATM Interfaces, Show Virtual Interfaces, Add Virtual Connection..., Show ATM Statistics, and Show SONET Statistics.

Panel 895: Shows a rack-mounted switch with multiple slots. A context menu is open over one of the ports, listing options: Port Properties, Port Reset, Configure SONET Paths..., Show ATM Interfaces, Show Virtual Interfaces, Add Virtual Connection..., Show ATM Statistics, and Show SONET Statistics.

Common Interface Elements:

- File Edit Device View Help**
- Image Scale: 100%**
- Port Details:** Shows System: 192.168.9.202 and Port Count: 216.
- Buttons:** Disable..., Refresh, Reset...
- Profile:** patty
- Ready:** (checkbox)

Table Headers:

Shelf / Slot / Port	Location	Name	Type	Speed	Admin. Status	Oper. Status	Link Status
---------------------	----------	------	------	-------	---------------	--------------	-------------

Table Data (Port Details):

1/4/1	back	Sonet Port 2	SONET	0 Mbps	Down	Unknown	Up
1/4/2	back	Sonet Port 2	SONET	0 Mbps	Down	Unknown	Up
1/4/3	back	Sonet Port 3	SONET	0 Mbps	Down	Unknown	Up
1/4/4	back	Sonet Port 4	SONET	0 Mbps	Down	Unknown	Up
1/4/5	back	Sonet Port 5	SONET	0 Mbps	Down	Unknown	Up
1/4/6	back	Sonet Port 6	SONET	0 Mbps	Down	Unknown	Up
1/4/7	back	Sonet Port 7	SONET	0 Mbps	Down	Unknown	Up
1/4/8	back	Sonet Port 8	SONET	0 Mbps	Down	Unknown	Up
1/4/9	back	Sonet Port 9	SONET	0 Mbps	Down	Unknown	Up
1/4/10	back	Sonet Port 10	SONET	0 Mbps	Down	Unknown	Up
1/4/11	back	Sonet Port 11	SONET	0 Mbps	Down	Unknown	Up
1/4/12	back	Sonet Port 12	SONET	0 Mbps	Down	Unknown	Up
1/4/13	back	Sonet Port 13	SONET	0 Mbps	Down	Unknown	Up
1/4/14	back	Sonet Port 14	SONET	0 Mbps	Down	Unknown	Up

FIG. 5A

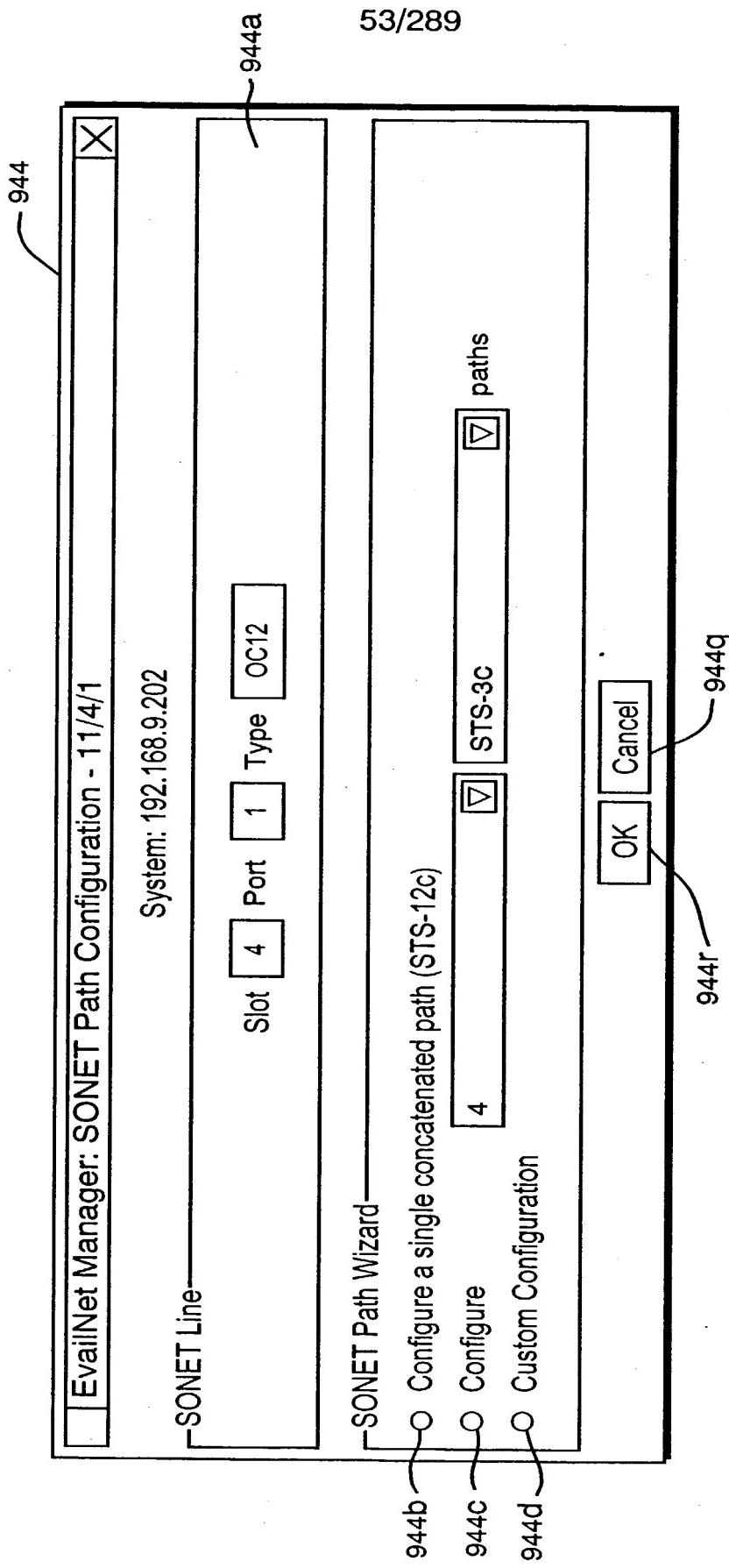


FIG. 5B

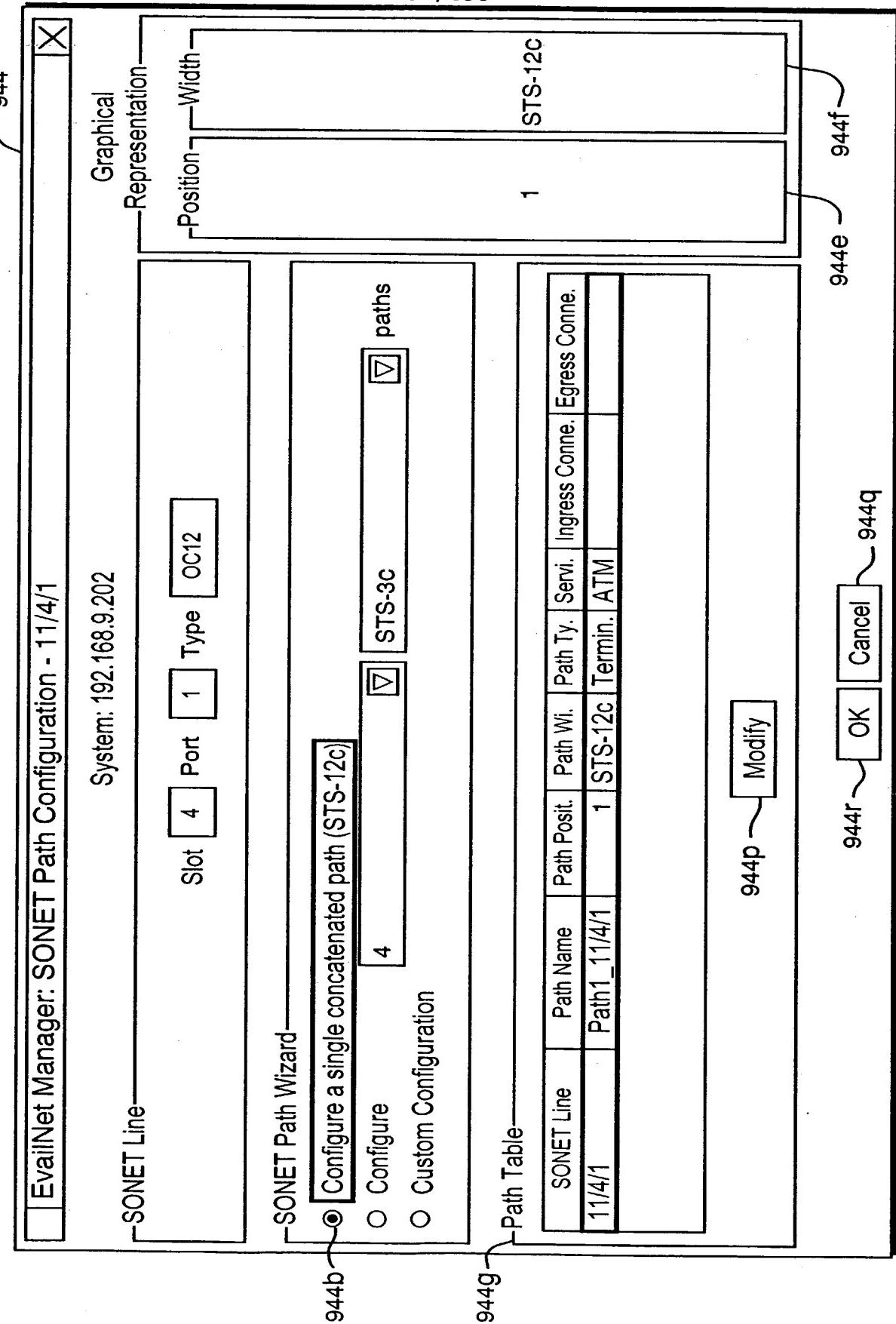


FIG. 5C

EvailNet Manager: SONET Path Configuration - 11/4/1																																									
<input type="checkbox"/> SONET Line <input checked="" type="checkbox"/> Graphical Representation																																									
System: 192.168.9.202																																									
<input type="checkbox"/> 944a Slot <input type="text" value="4"/> Port <input type="text" value="1"/> Type <input type="text" value="OC12"/>	<input type="checkbox"/> 944c Configure <input type="radio"/> Configure <input type="radio"/> Custom Configuration																																								
SONET Path Wizard <input type="checkbox"/> 944s <input type="checkbox"/> 944t <input type="checkbox"/> 944j <input type="checkbox"/> paths																																									
Configure a single concatenated path (STS-12c)																																									
944g Path Table																																									
<table border="1"> <thead> <tr> <th>SONET Line</th> <th>Path Name</th> <th>Path Posit.</th> <th>Path Wi.</th> <th>Path Ty.</th> <th>Servi.</th> <th>Ingress Conne.</th> <th>Egress Conne.</th> </tr> </thead> <tbody> <tr> <td>11/4/1</td> <td>Path1_11/...</td> <td>1</td> <td>STS-3C</td> <td>Termin.</td> <td>ATM</td> <td></td> <td></td> </tr> <tr> <td>11/4/1</td> <td>Path2_11/...</td> <td>4</td> <td>STS-3C</td> <td>Termin.</td> <td>ATM</td> <td></td> <td></td> </tr> <tr> <td>11/4/1</td> <td>Path3_11/...</td> <td>7</td> <td>STS-3C</td> <td>Termin.</td> <td>ATM</td> <td></td> <td></td> </tr> <tr> <td>11/4/1</td> <td>Path4_11/...</td> <td>10</td> <td>STS-3C</td> <td>Termin.</td> <td>ATM</td> <td></td> <td></td> </tr> </tbody> </table>		SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.	11/4/1	Path1_11/...	1	STS-3C	Termin.	ATM			11/4/1	Path2_11/...	4	STS-3C	Termin.	ATM			11/4/1	Path3_11/...	7	STS-3C	Termin.	ATM			11/4/1	Path4_11/...	10	STS-3C	Termin.	ATM		
SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.																																		
11/4/1	Path1_11/...	1	STS-3C	Termin.	ATM																																				
11/4/1	Path2_11/...	4	STS-3C	Termin.	ATM																																				
11/4/1	Path3_11/...	7	STS-3C	Termin.	ATM																																				
11/4/1	Path4_11/...	10	STS-3C	Termin.	ATM																																				
944p <input type="button" value="Modify"/>																																									
944r <input type="button" value="OK"/> <input type="button" value="Cancel"/> 944q																																									
944e 944f																																									

FIG. 5D

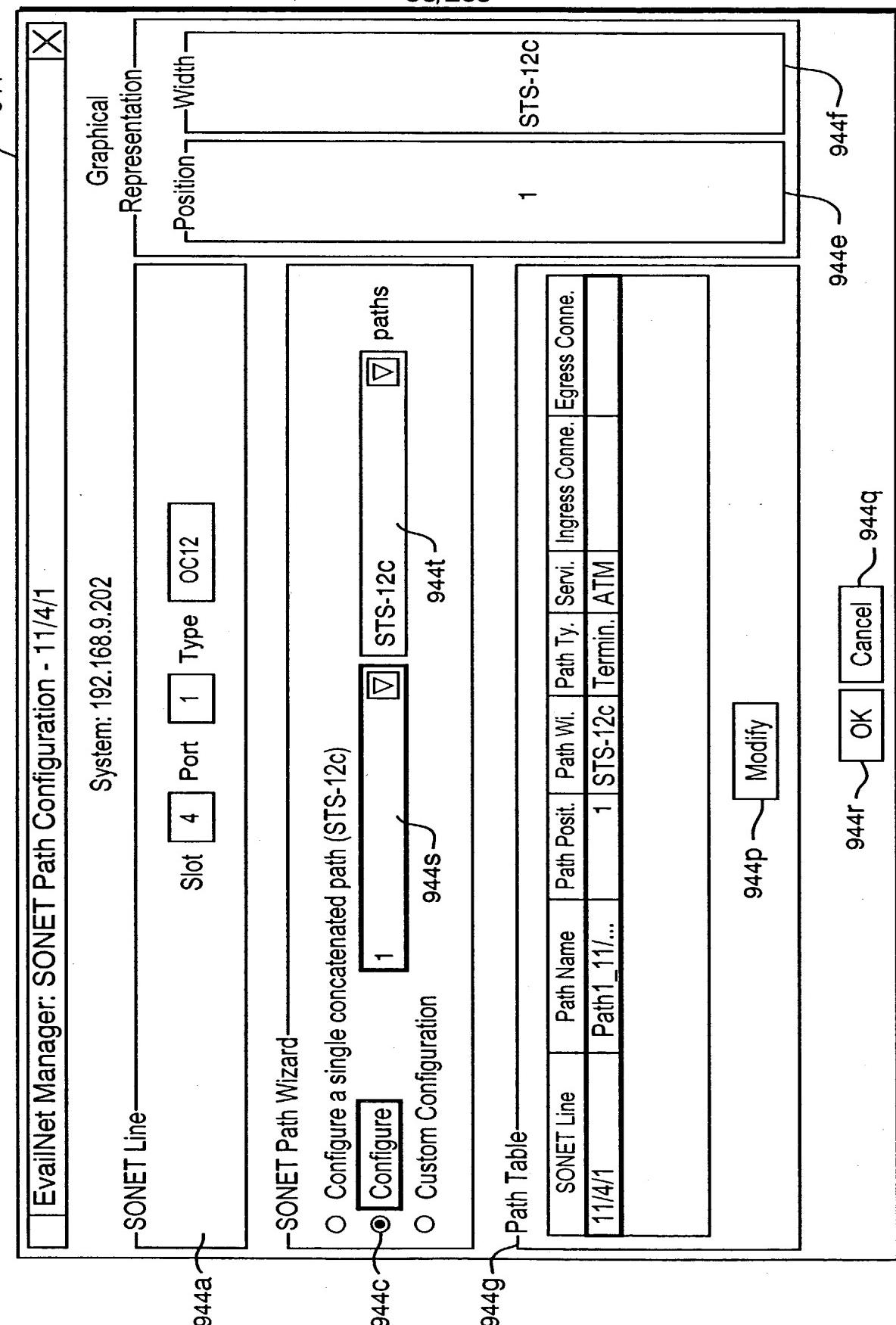


FIG. 5E

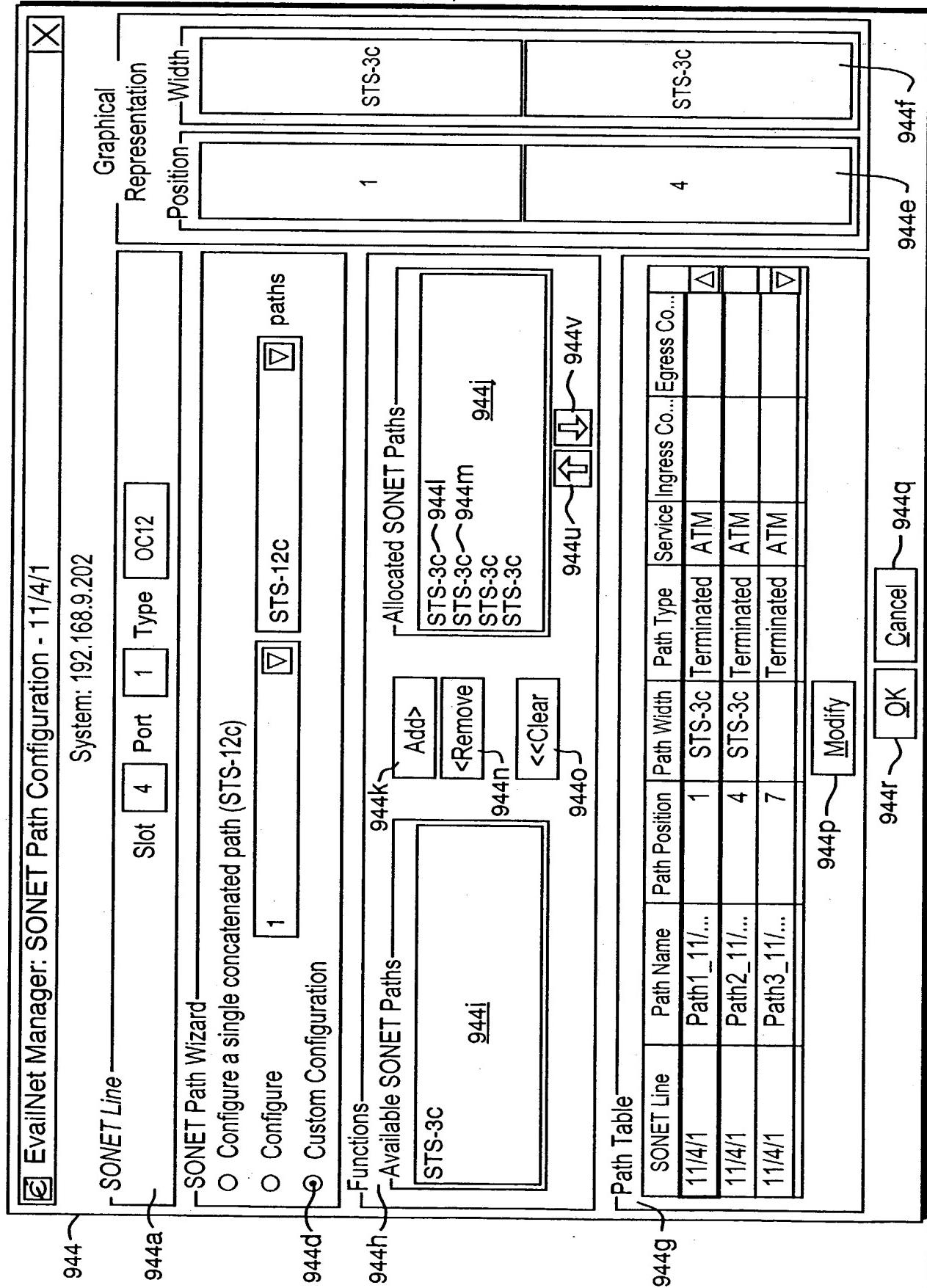


FIG. 5F

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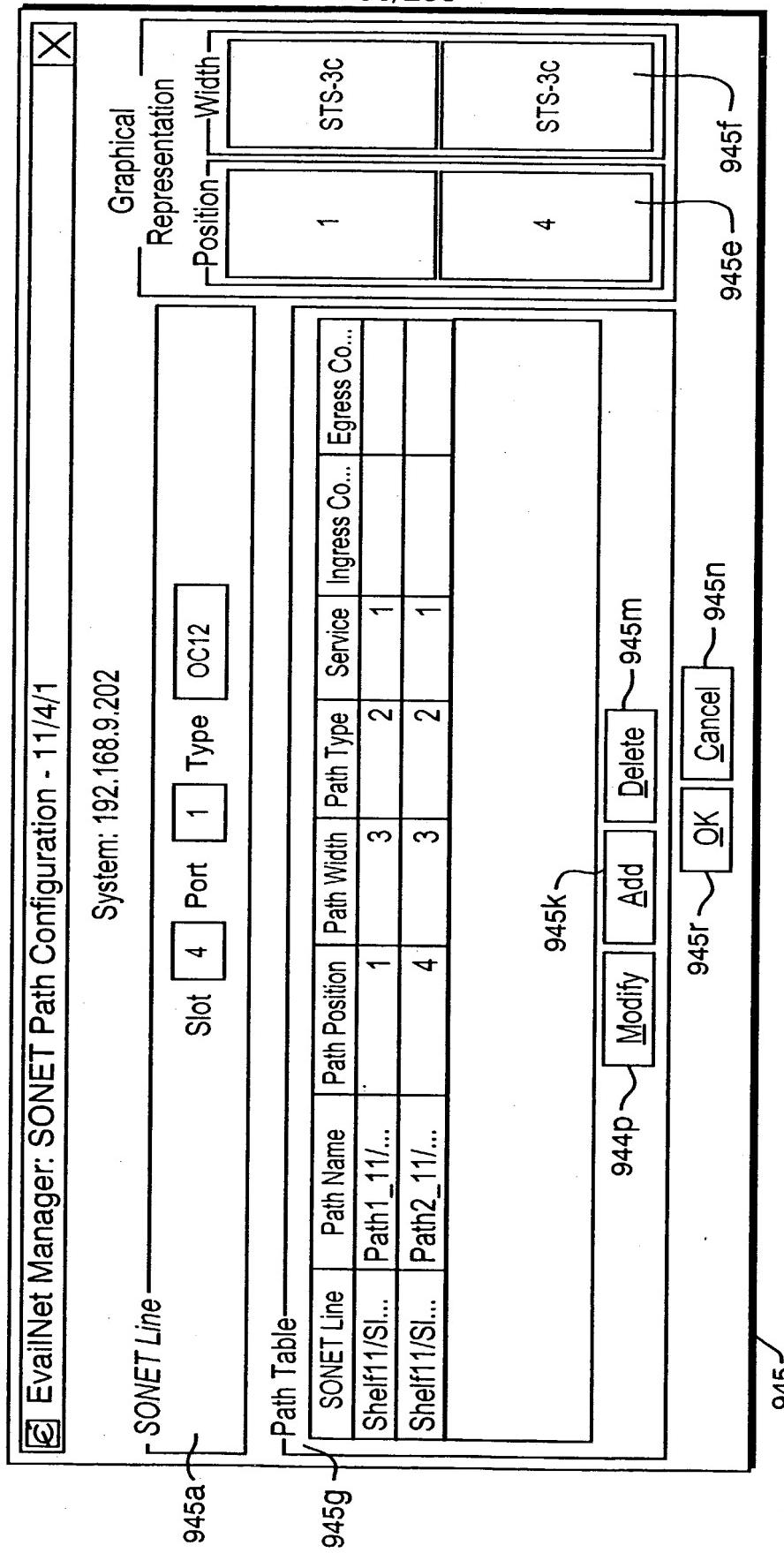
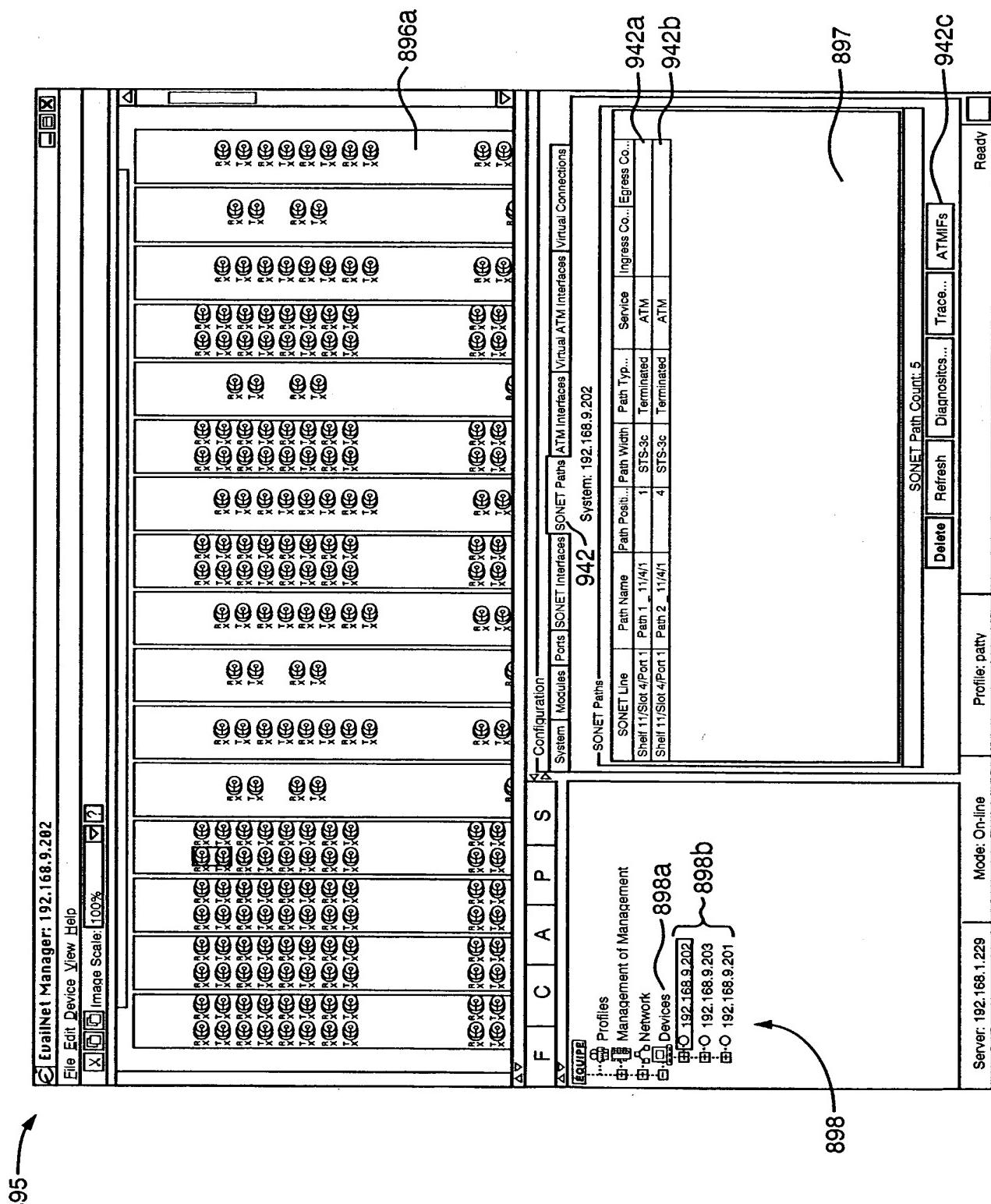
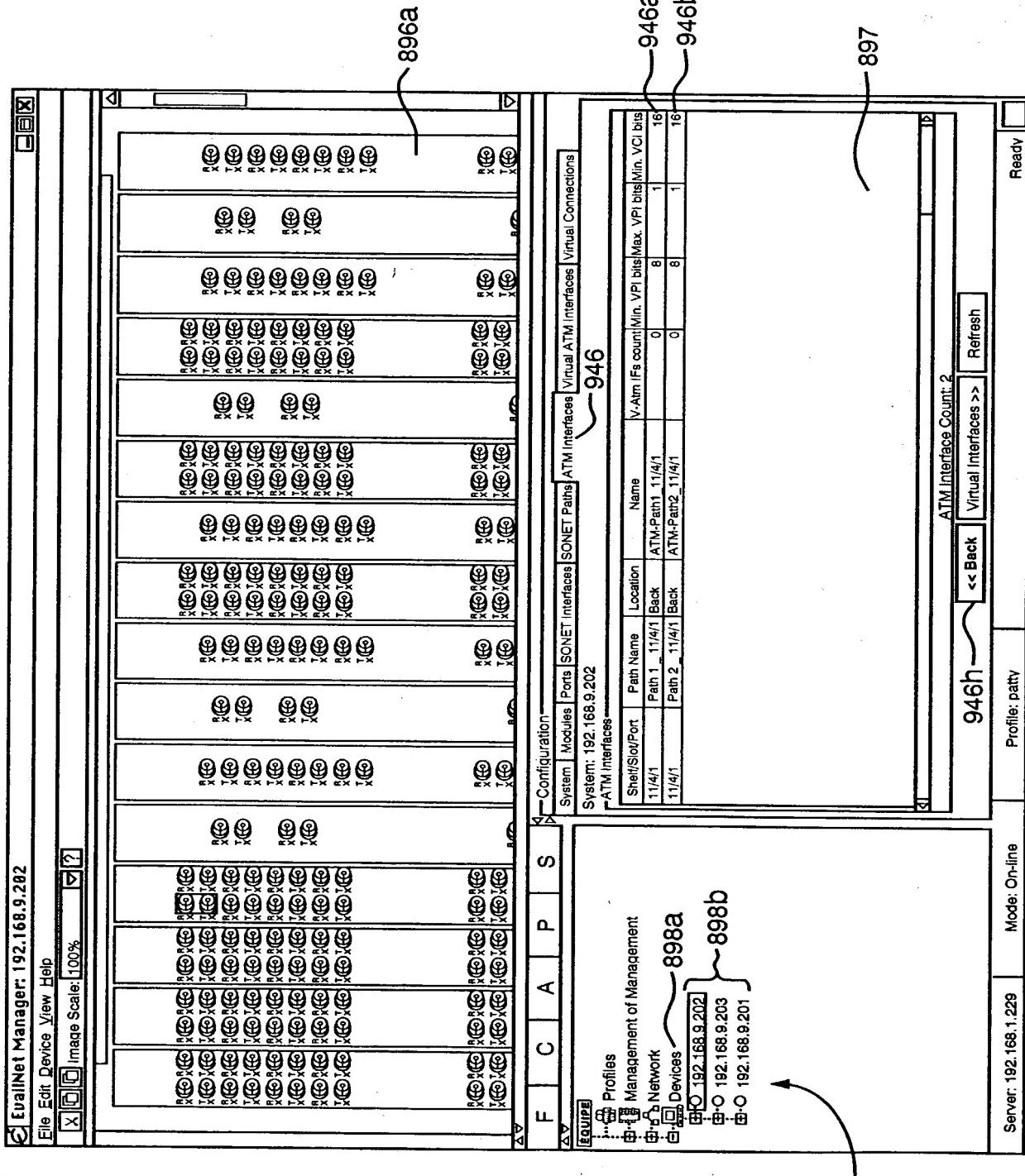


FIG. 5G

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FIG. 5

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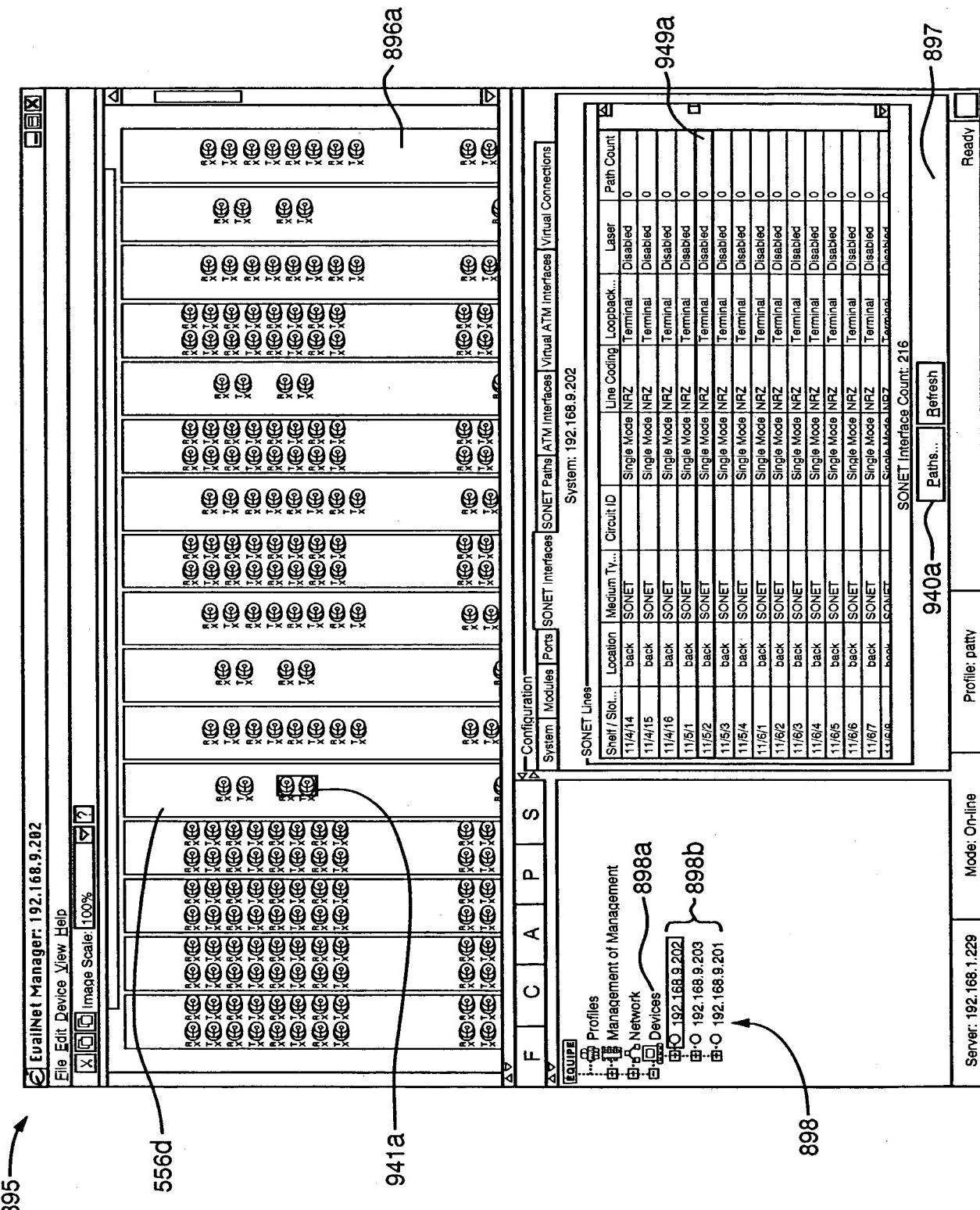


FIG. 5J

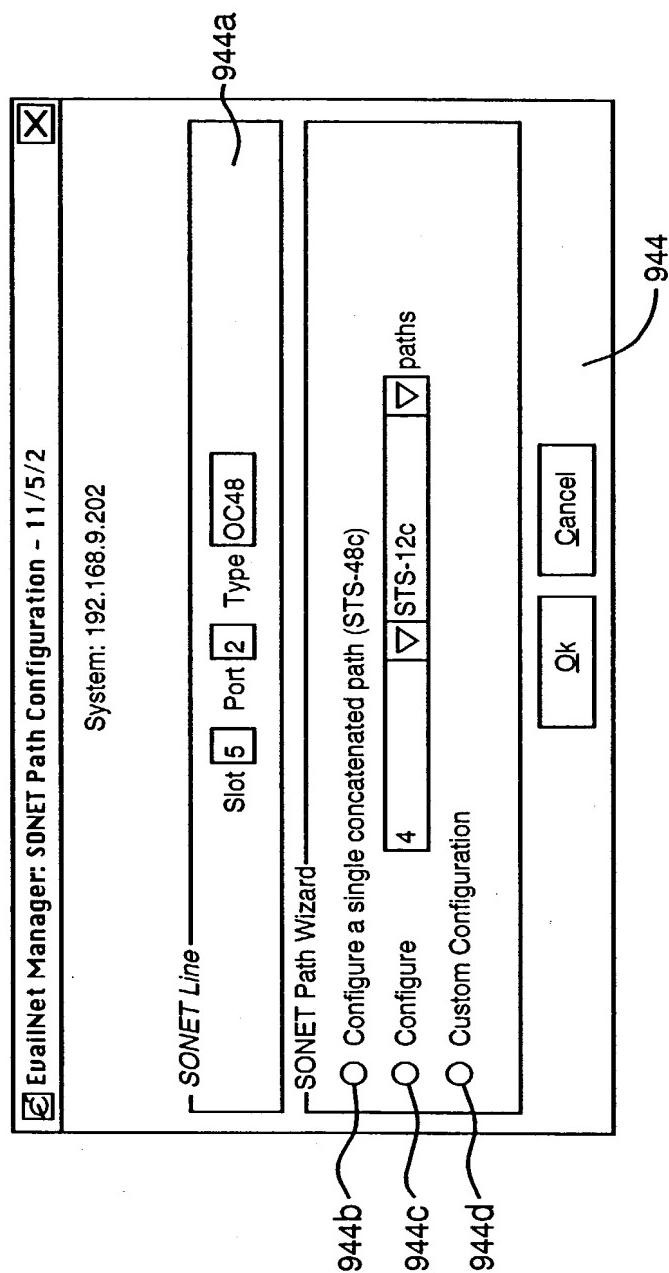


FIG. 5K

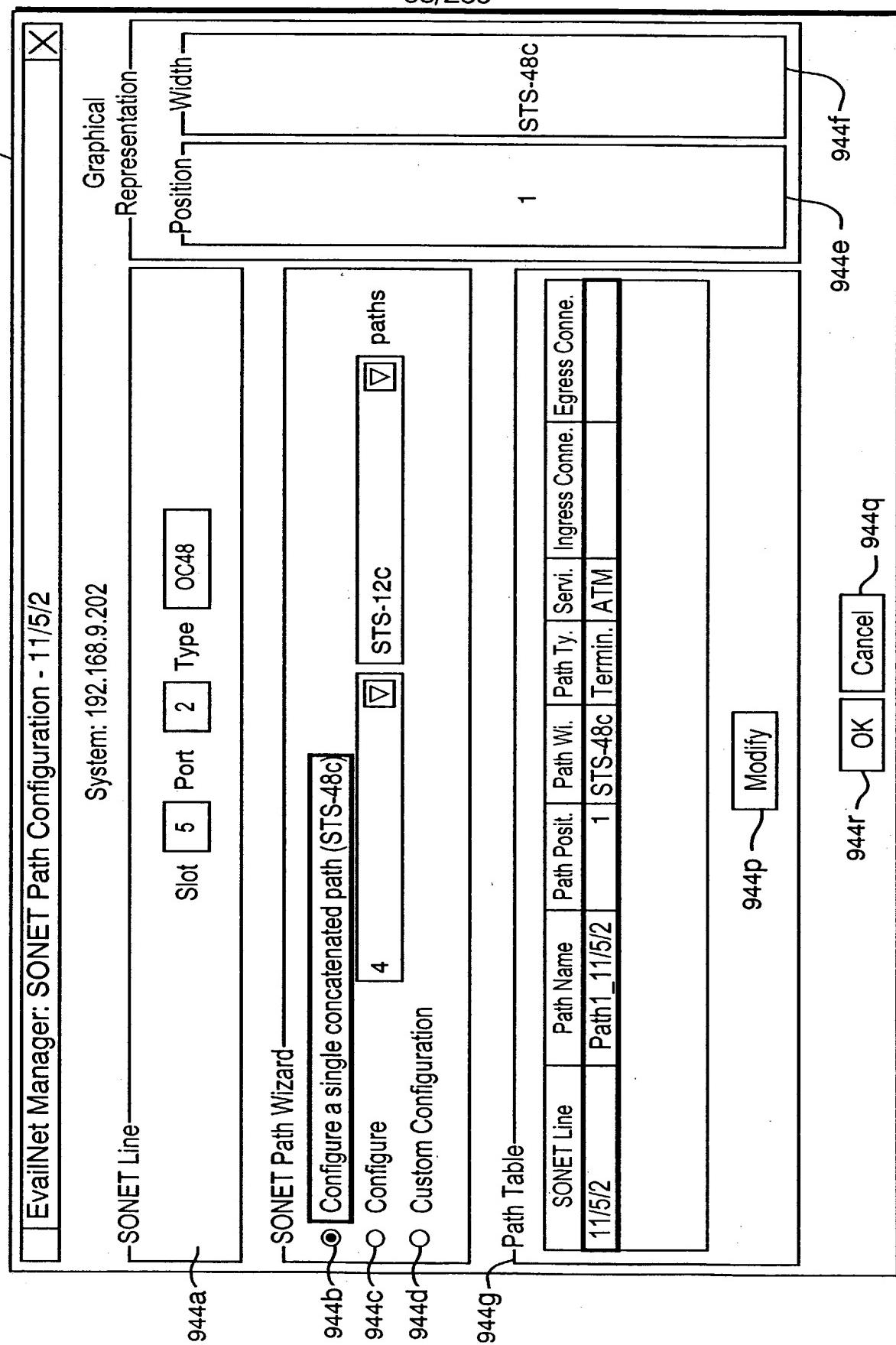


FIG. 5L

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EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot Port Type

SONET Path Wizard

Configure a single concatenated path (STS-48c)

Configure

Custom Configuration

Path paths

4 → 944s → 944t → 944f → 944e

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/...	1	STS-12c	Termin.	ATM		25
11/5/2	Path2_11/...	13	STS-12c	Termin.	ATM		
11/5/2	Path3_11/...	25	STS-12c	Termin.	ATM		
11/5/2	Path4_11/...	37	STS-12c	Termin.	ATM		

Modify

OK **Cancel**

944 → 944a → 944b → 944c → 944d → 944g

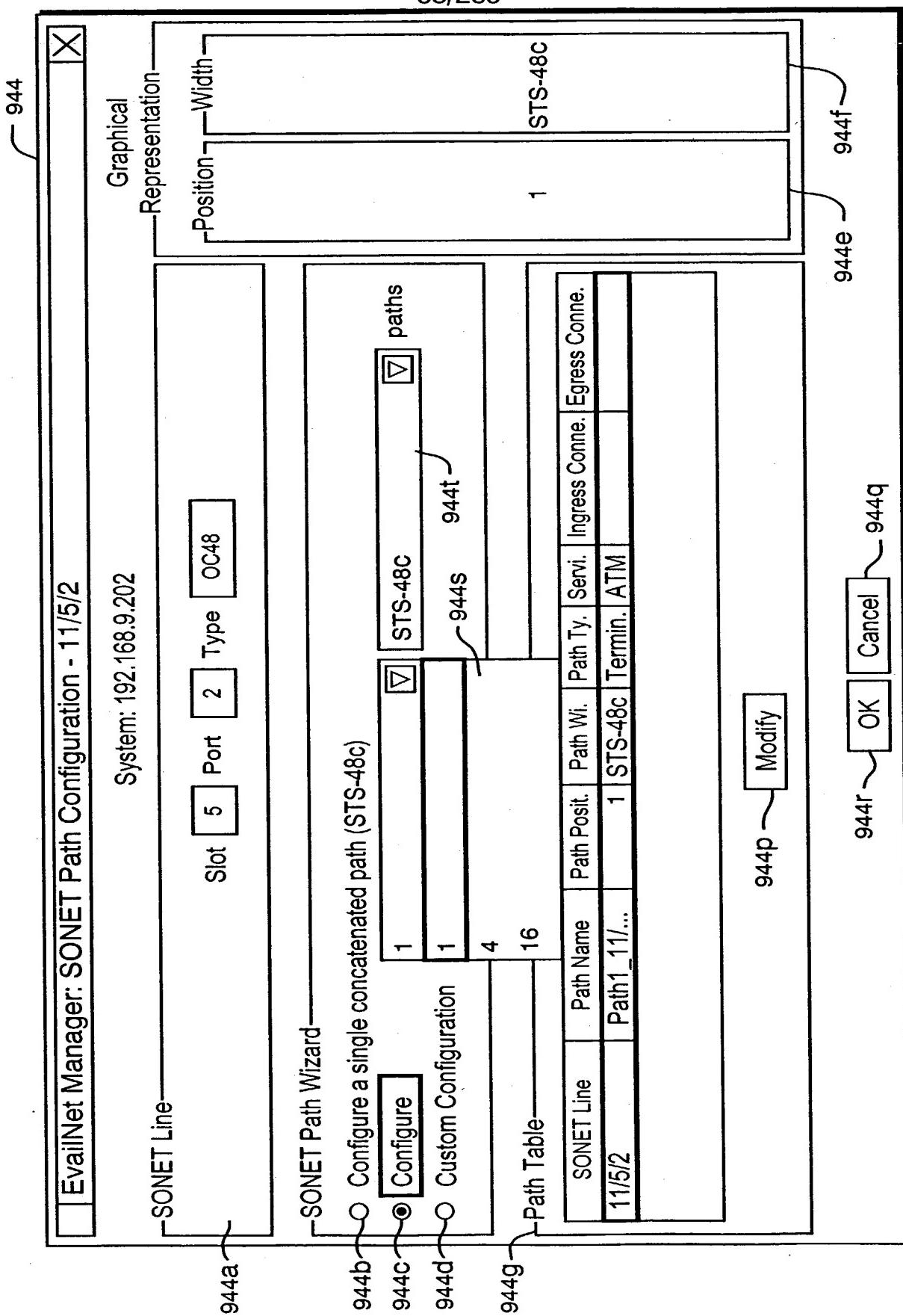


FIG. 5N

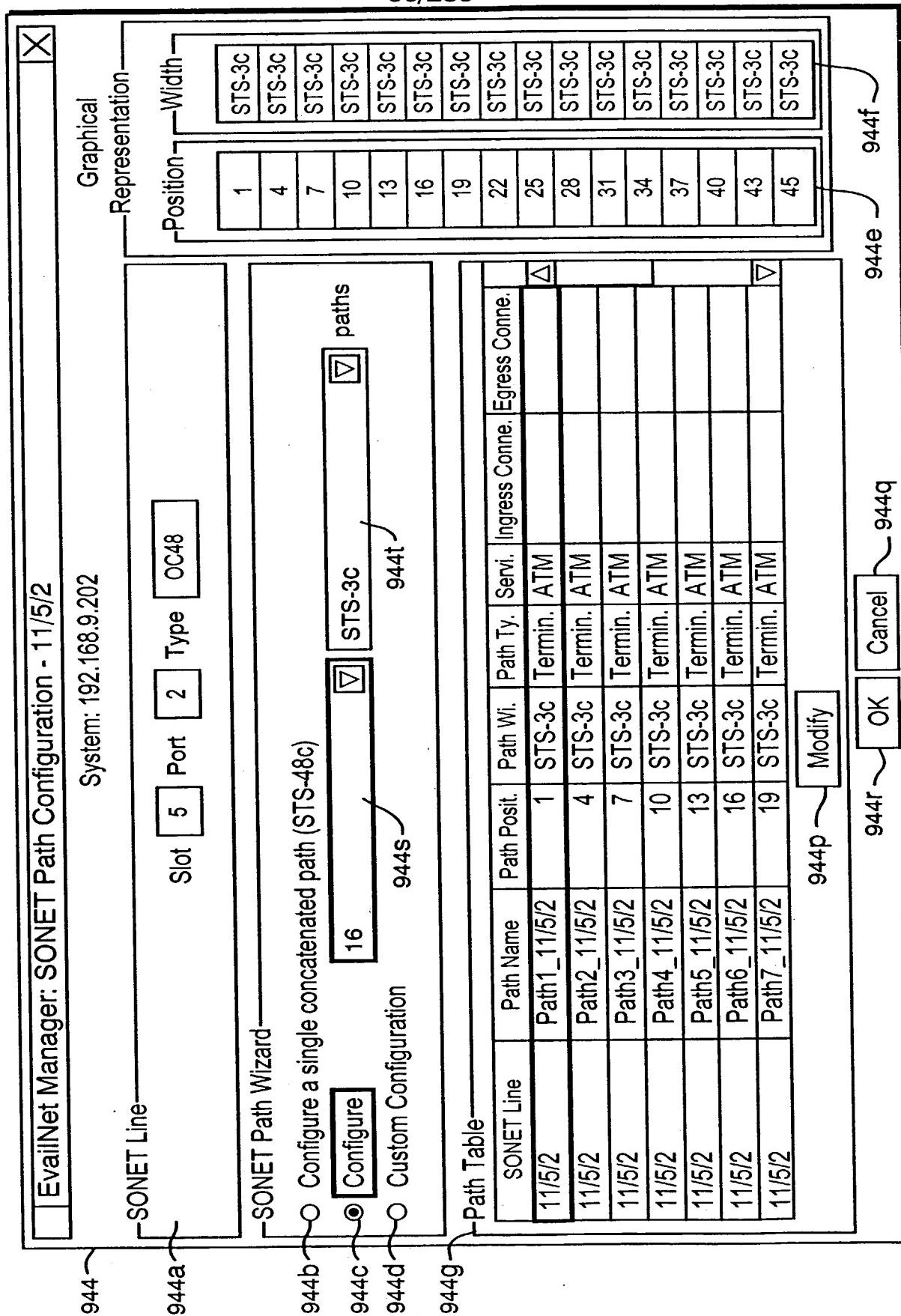


FIG. 50

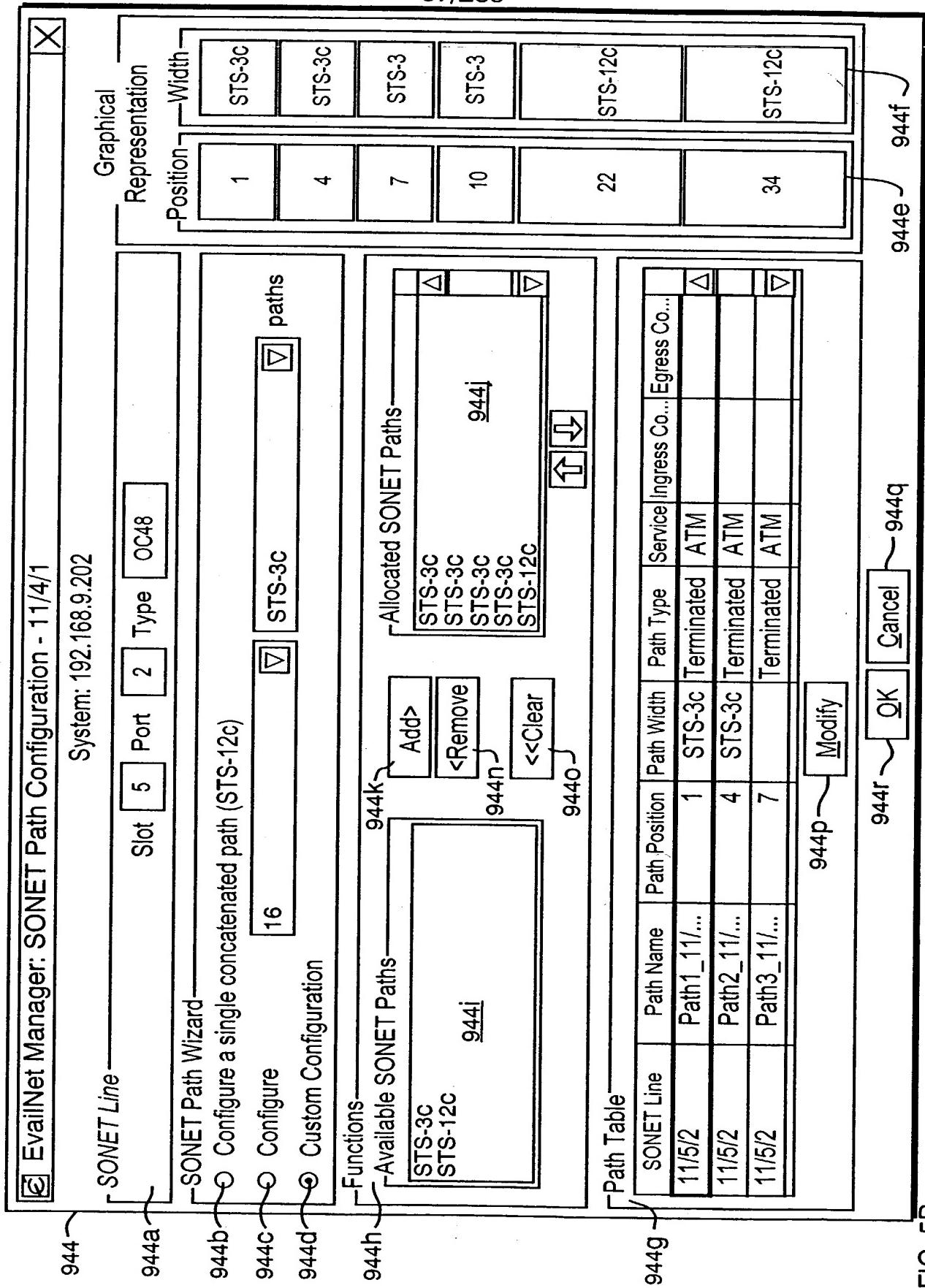


FIG. 5P

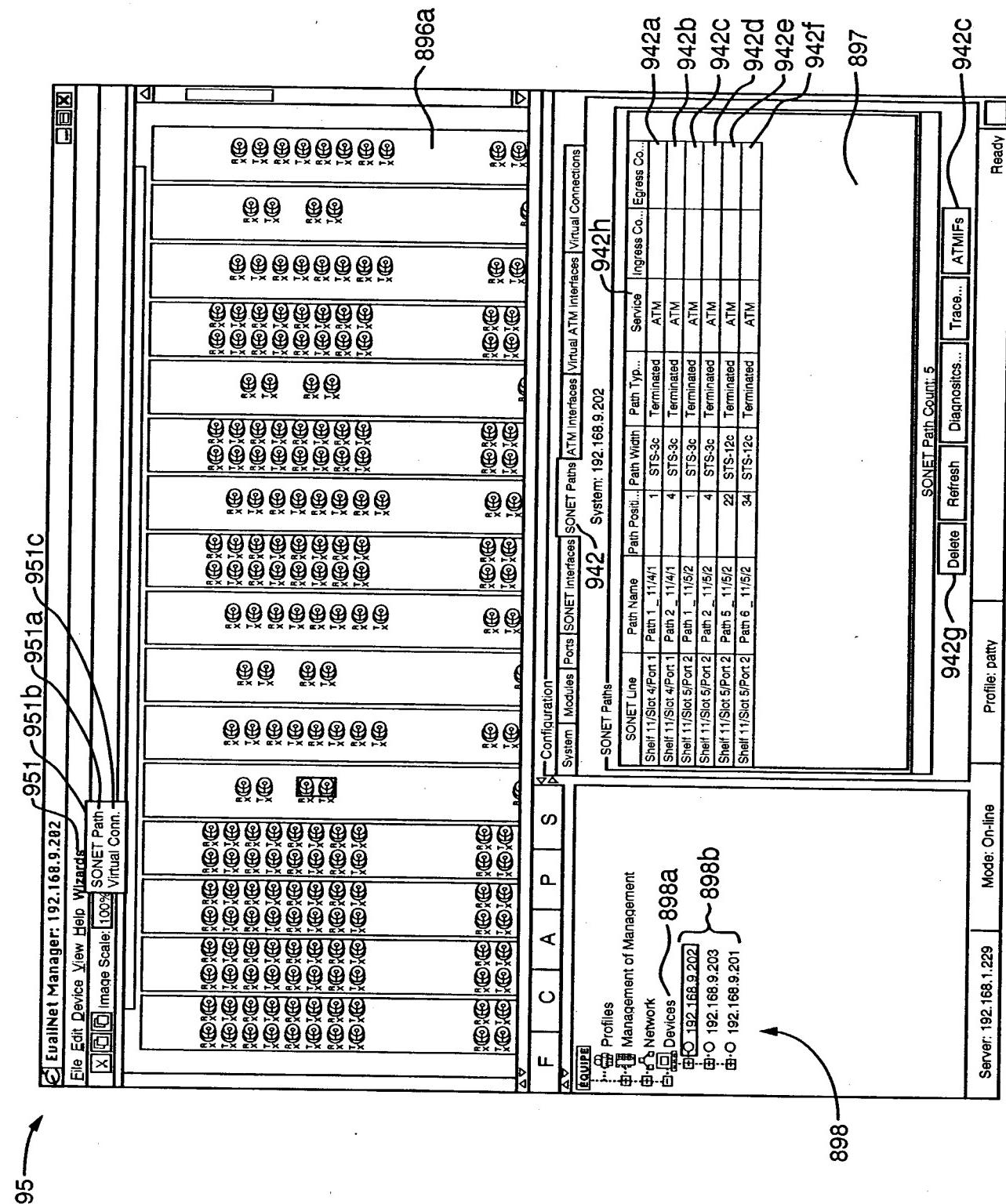


FIG. 5G

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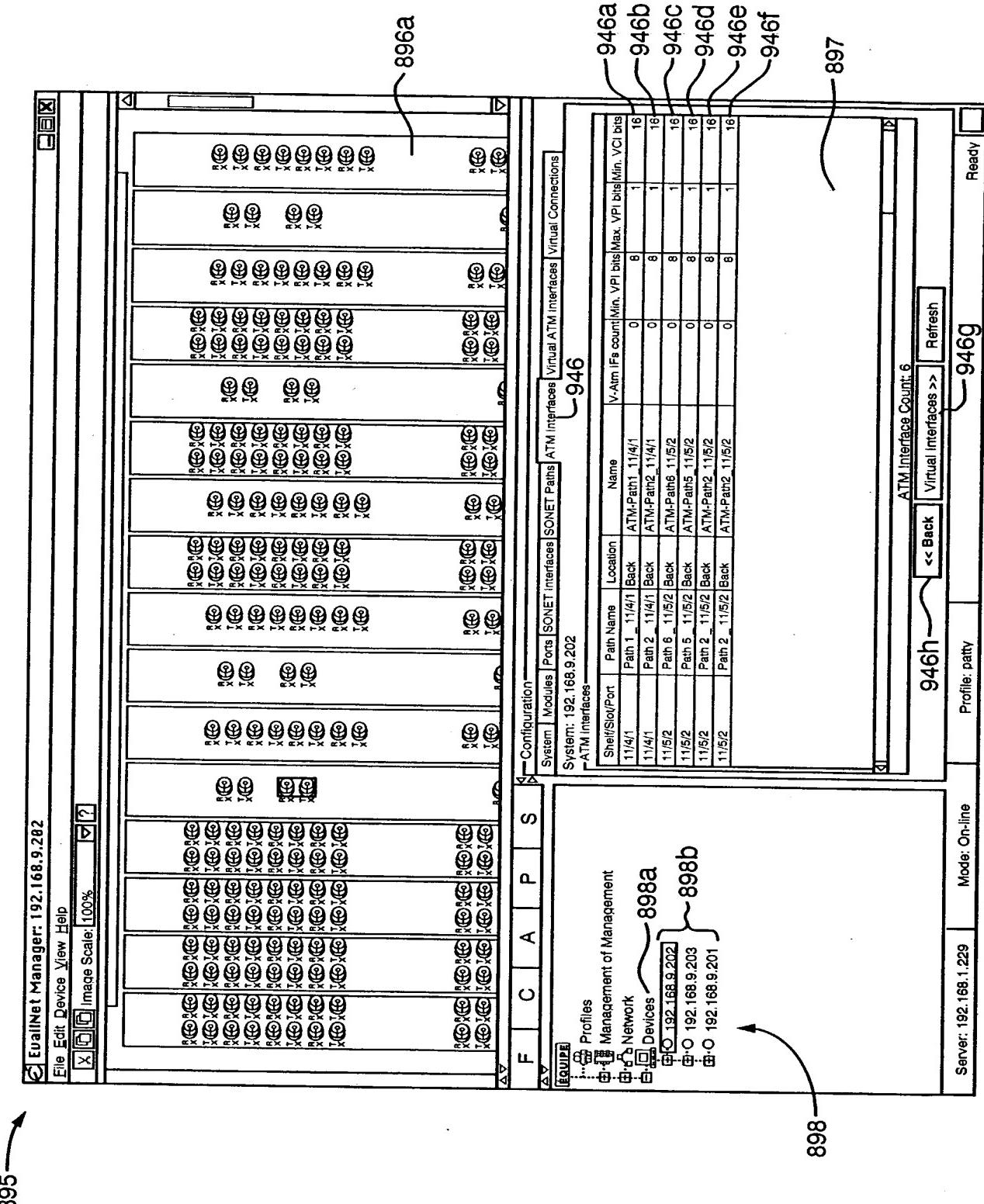


FIG. 5R

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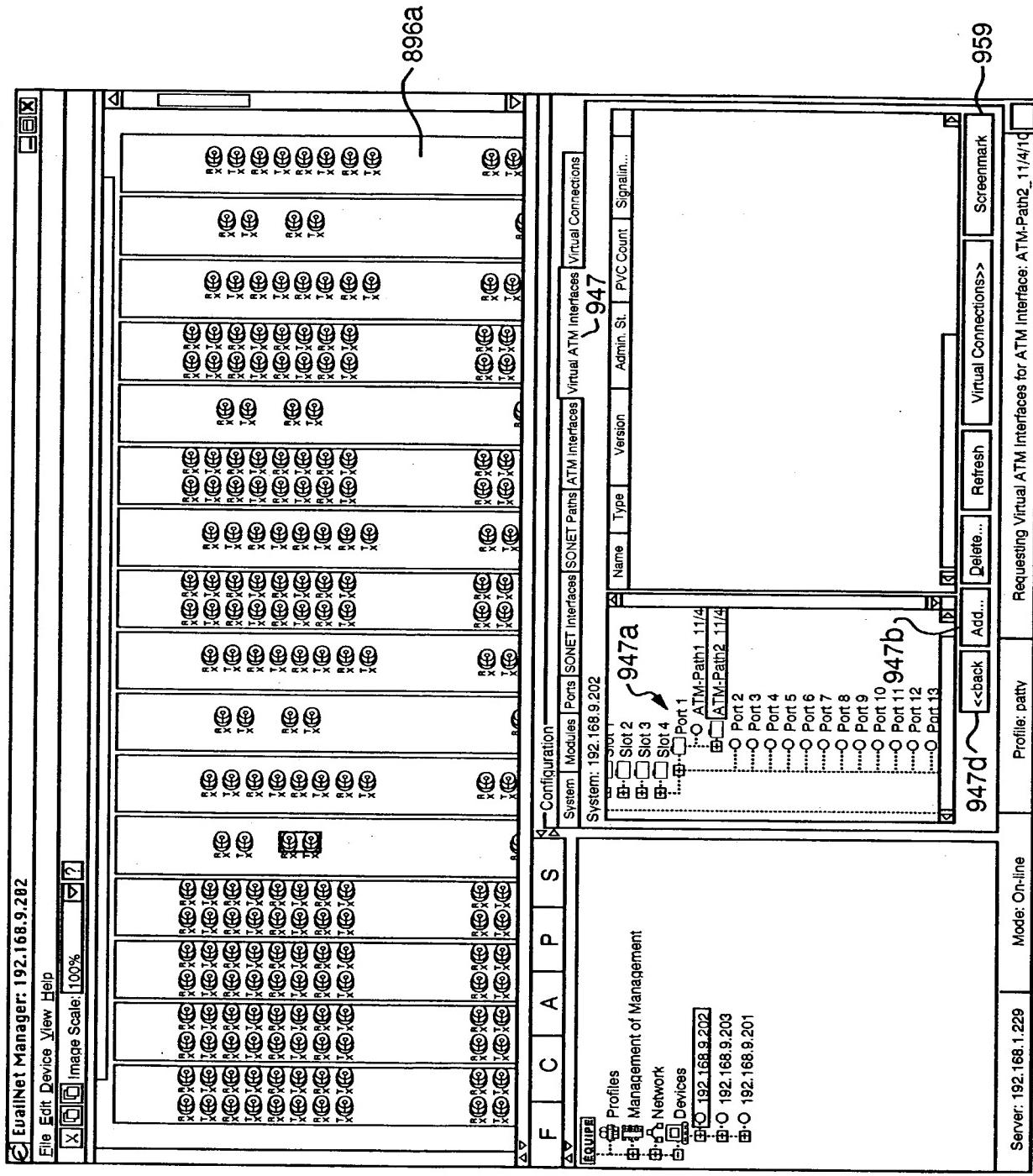


FIG. 5S

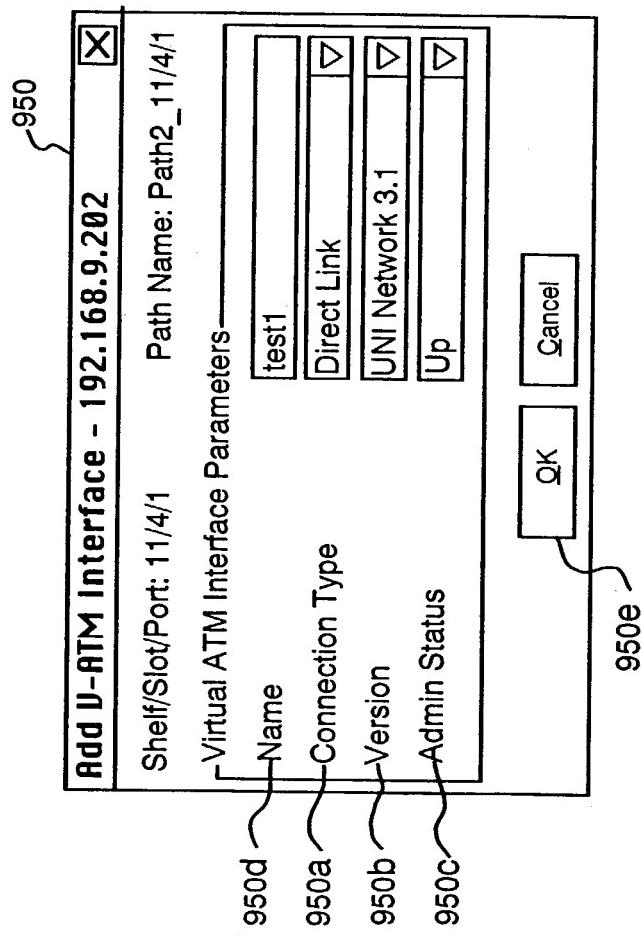


FIG. 5T

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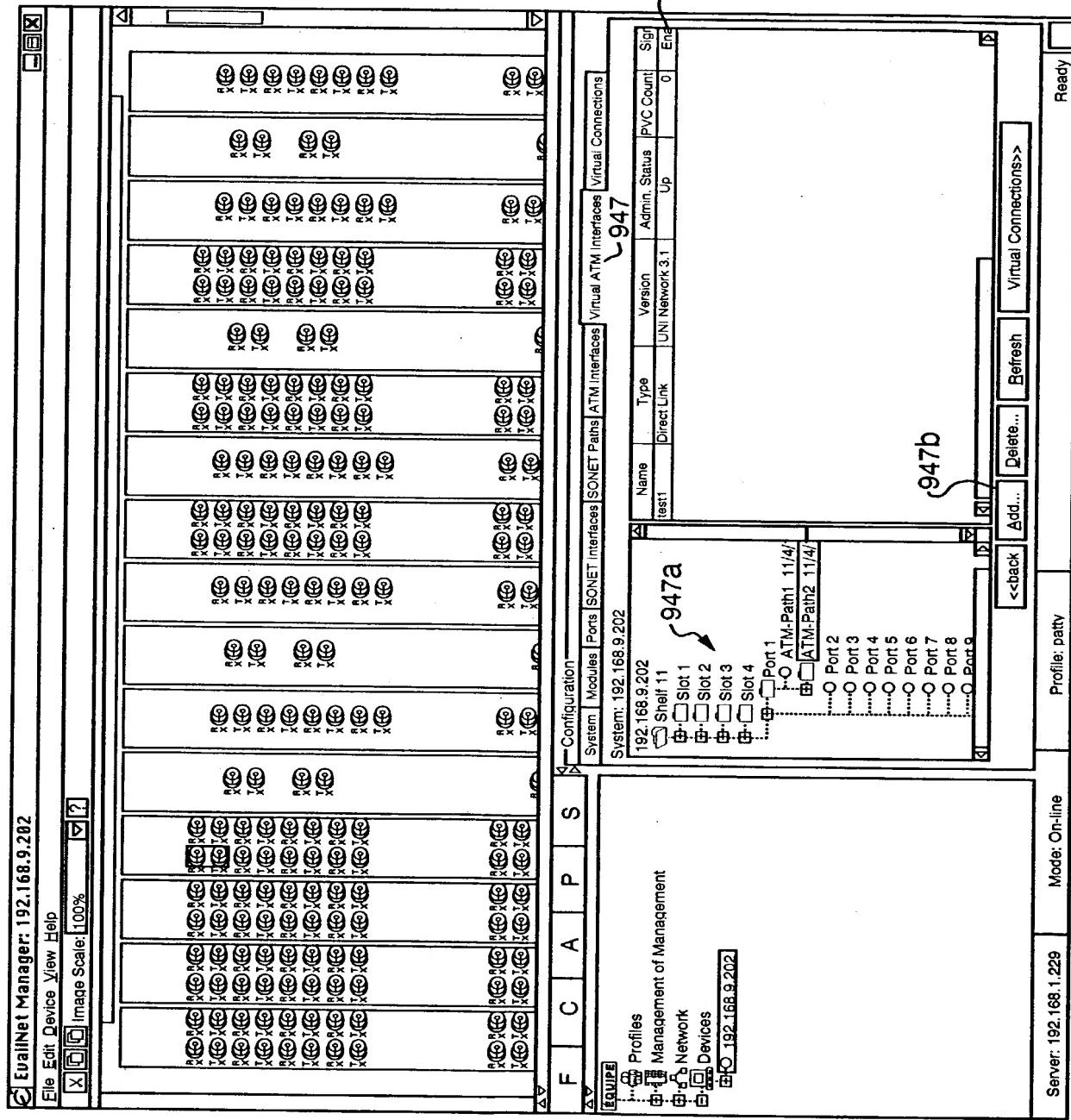


FIG. 5U

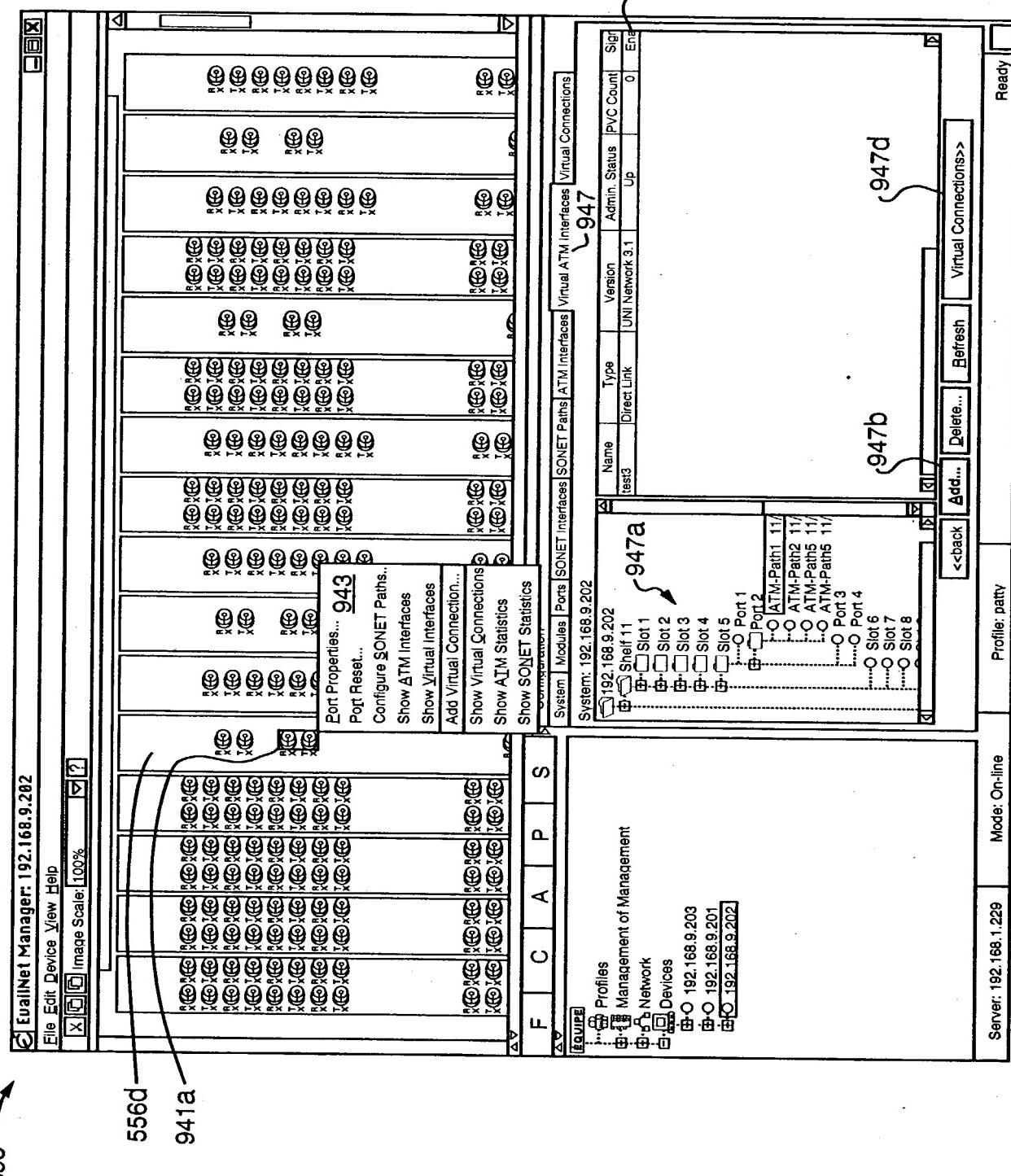


FIG. 5V

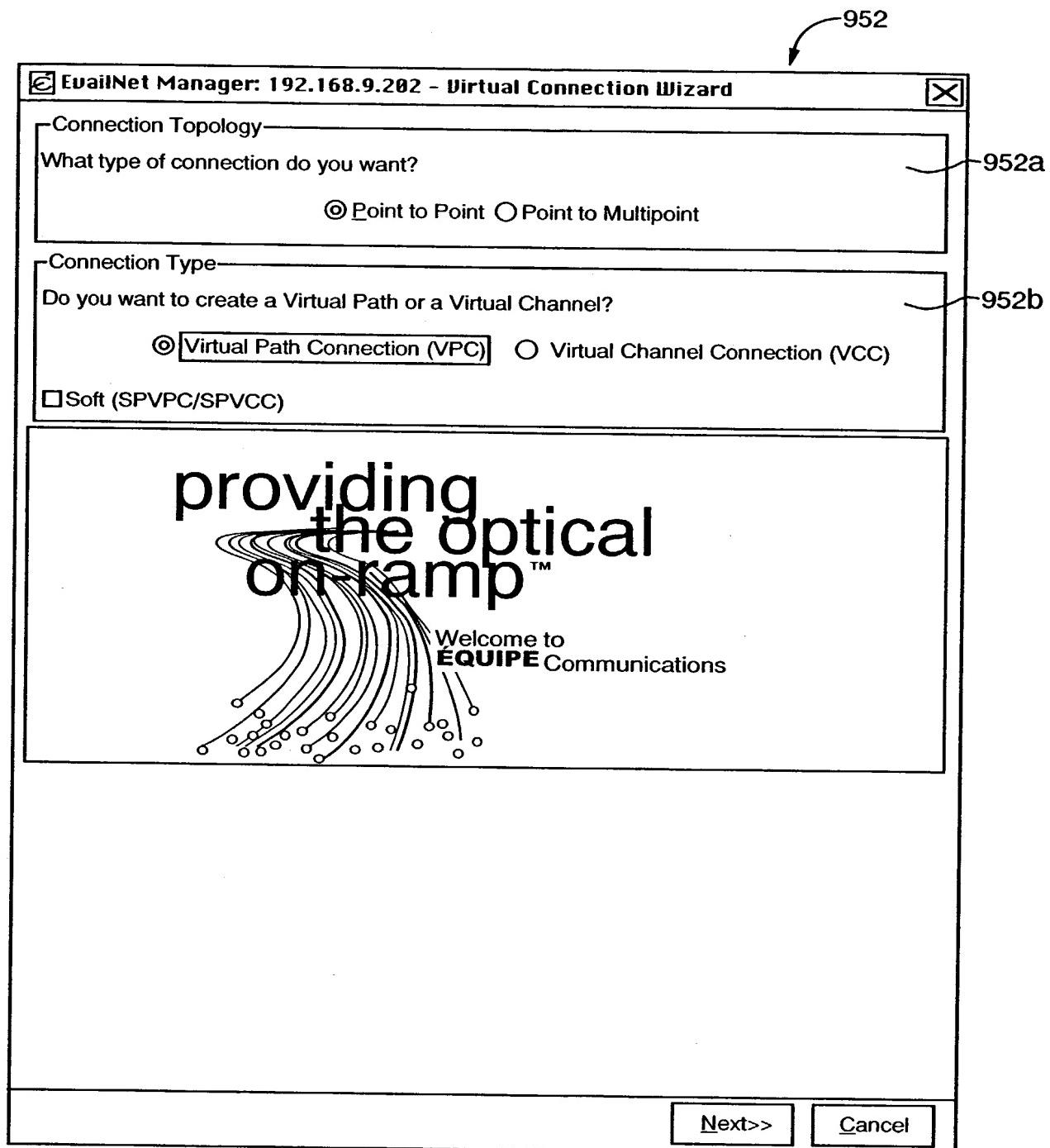


FIG. 5W

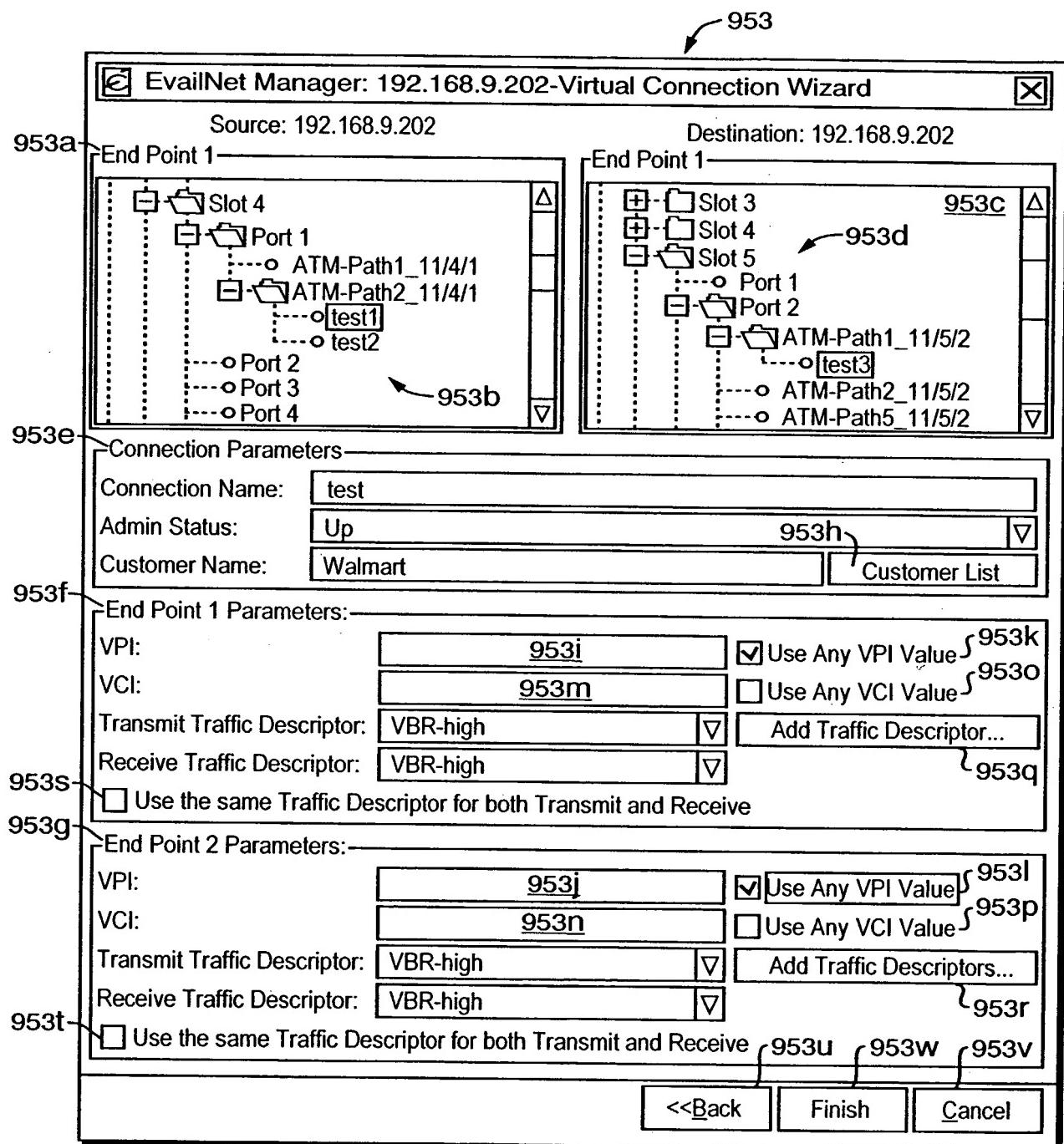


FIG. 5X

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00000000000000000000000000000000

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NEW TRAFFIC DESCRIPTOR

NAME:

ANSWER

QoS CLASS:

TYPE:

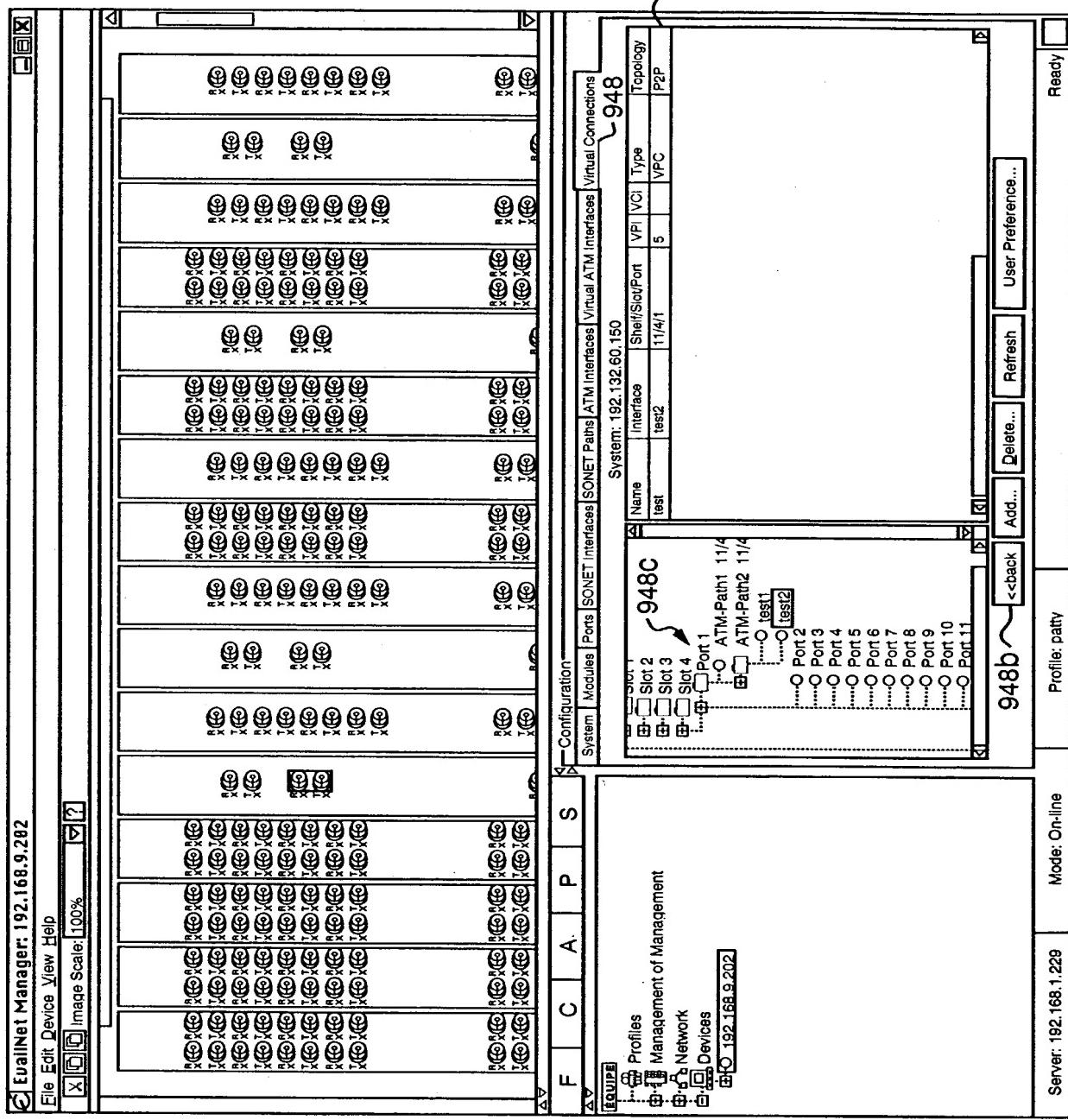
OK

CANCELI

FIG. 5Y

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FIG. 5Z

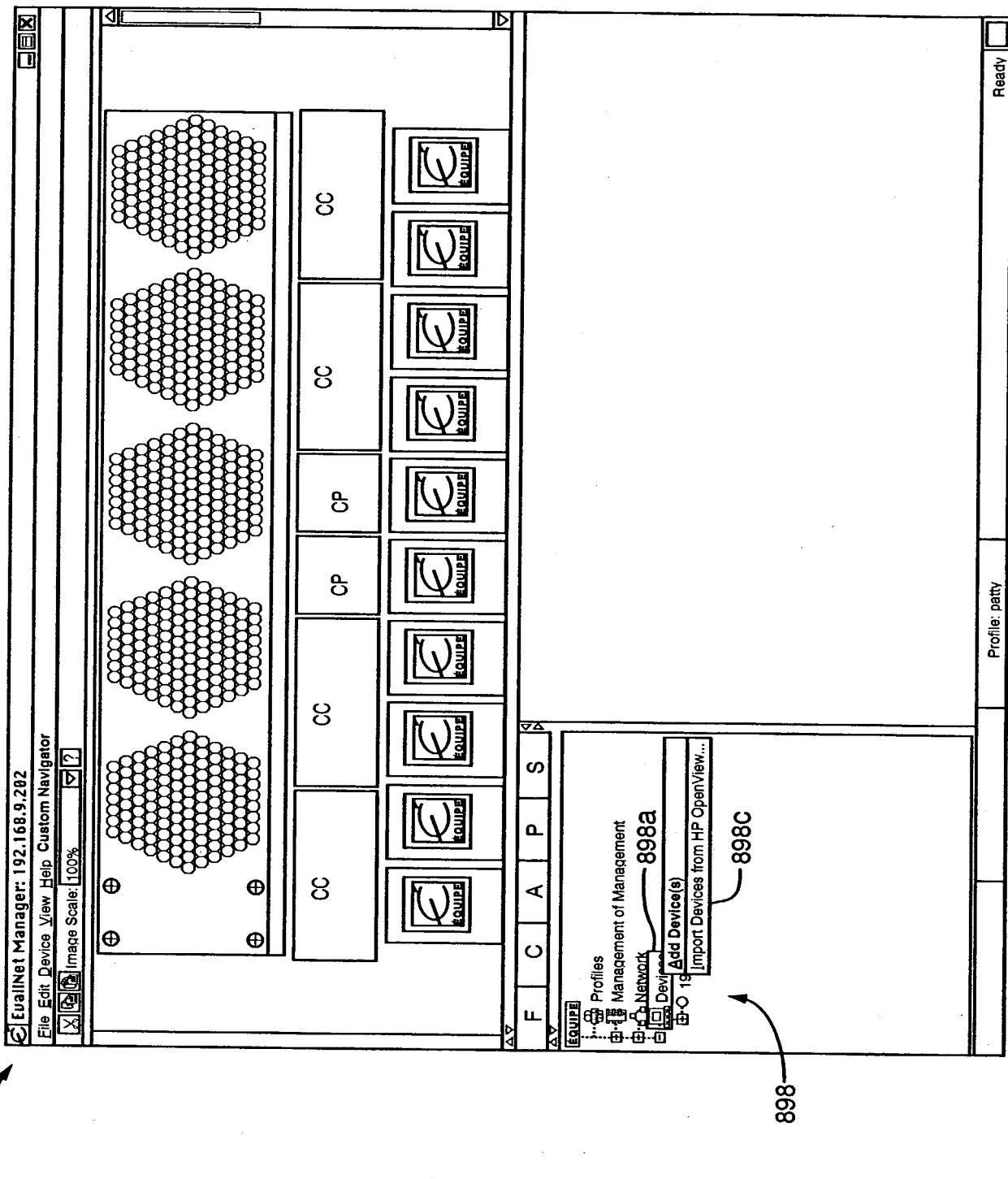


FIG. 6A

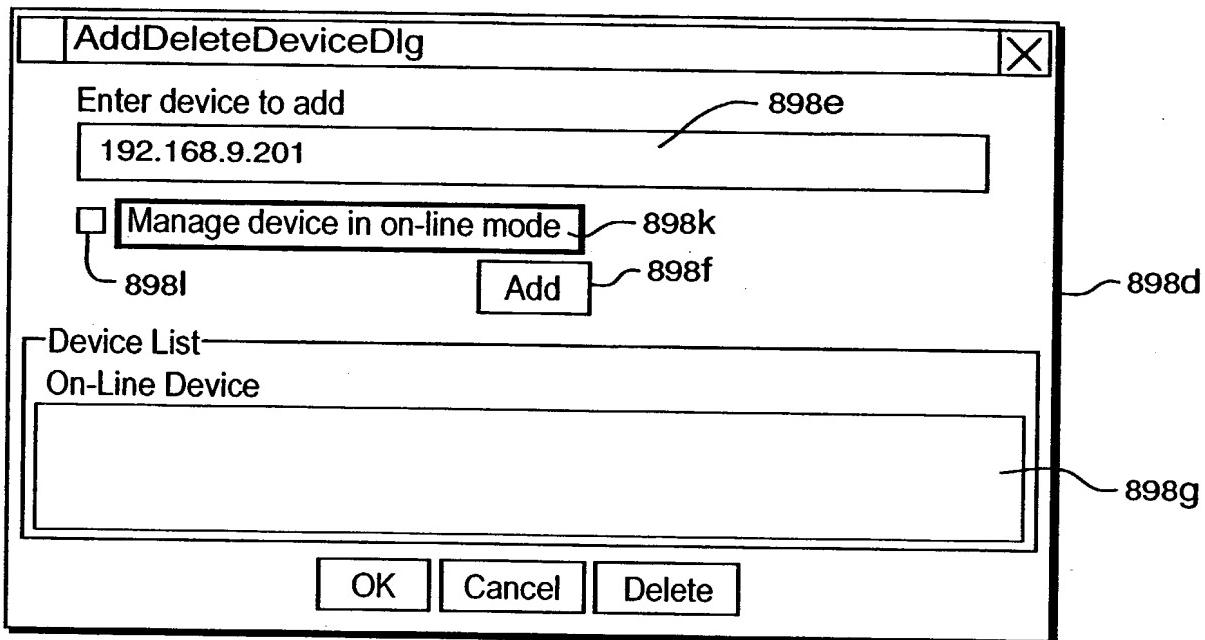


FIG. 6B

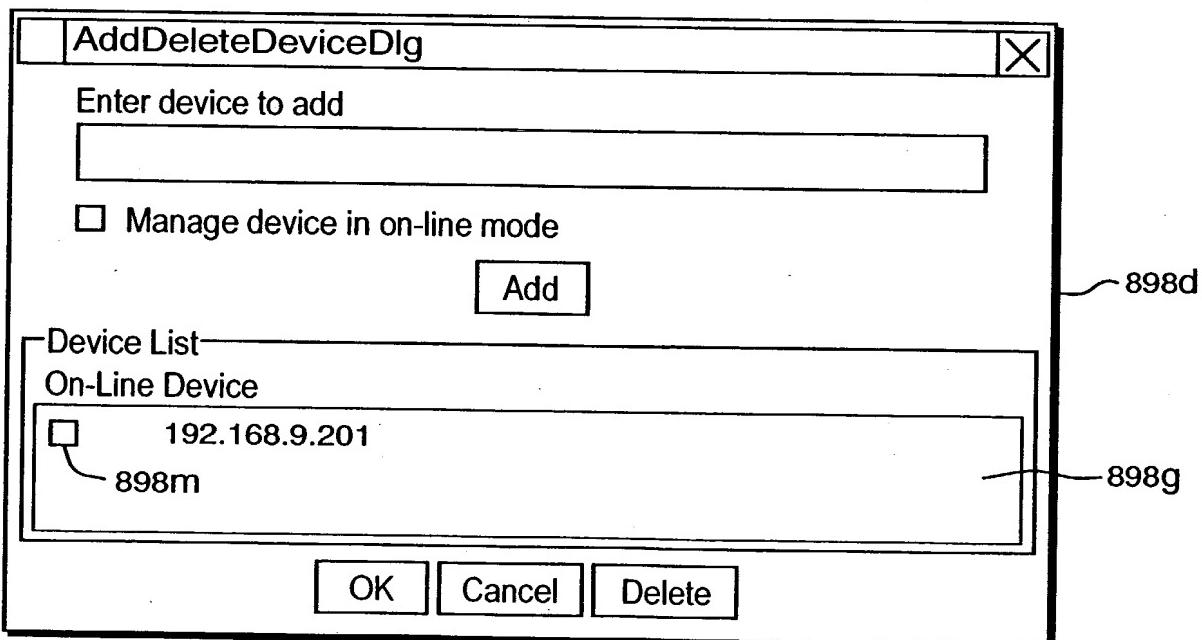
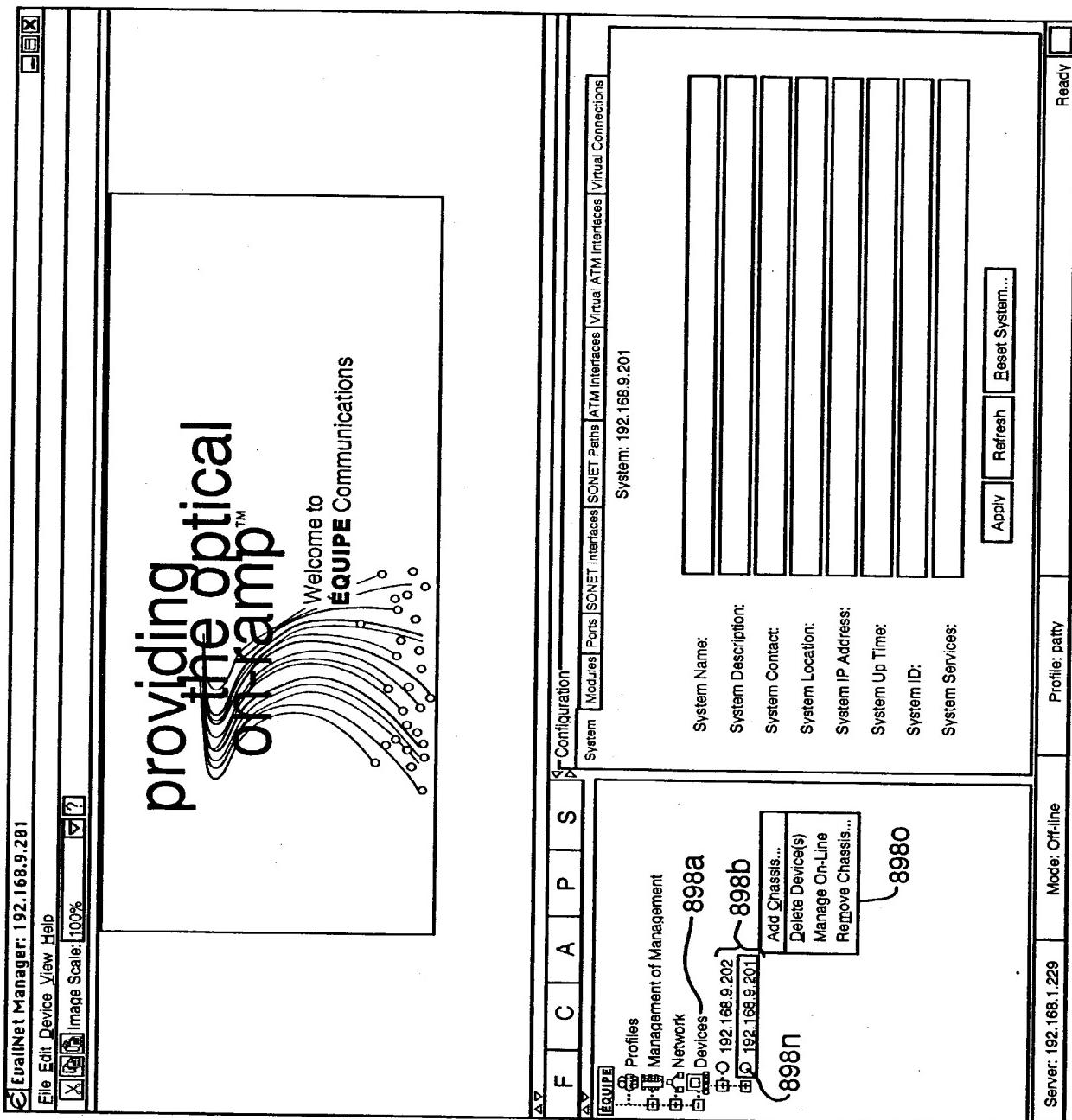


FIG. 6C



895

FIG. 6D

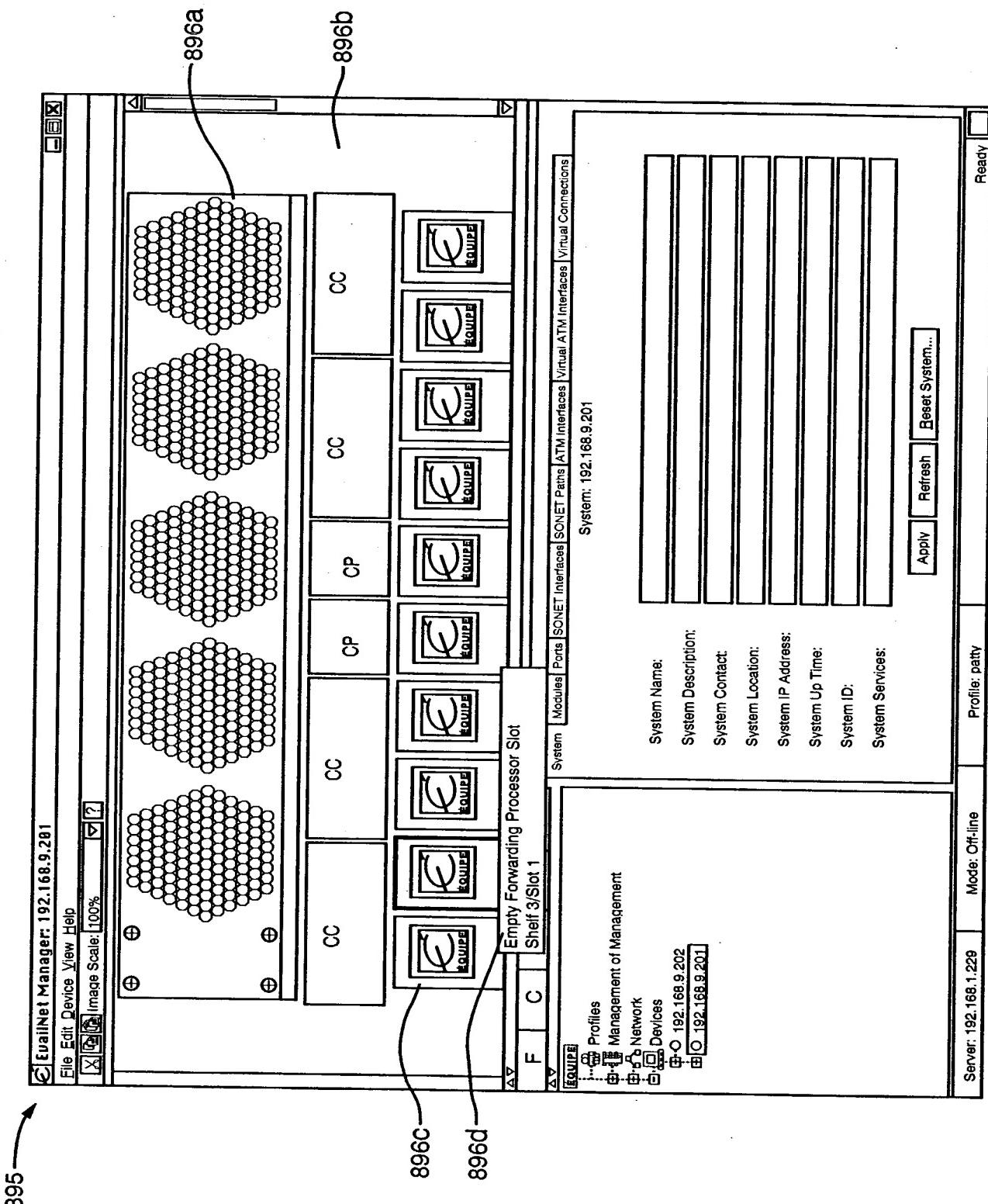


FIG. 6

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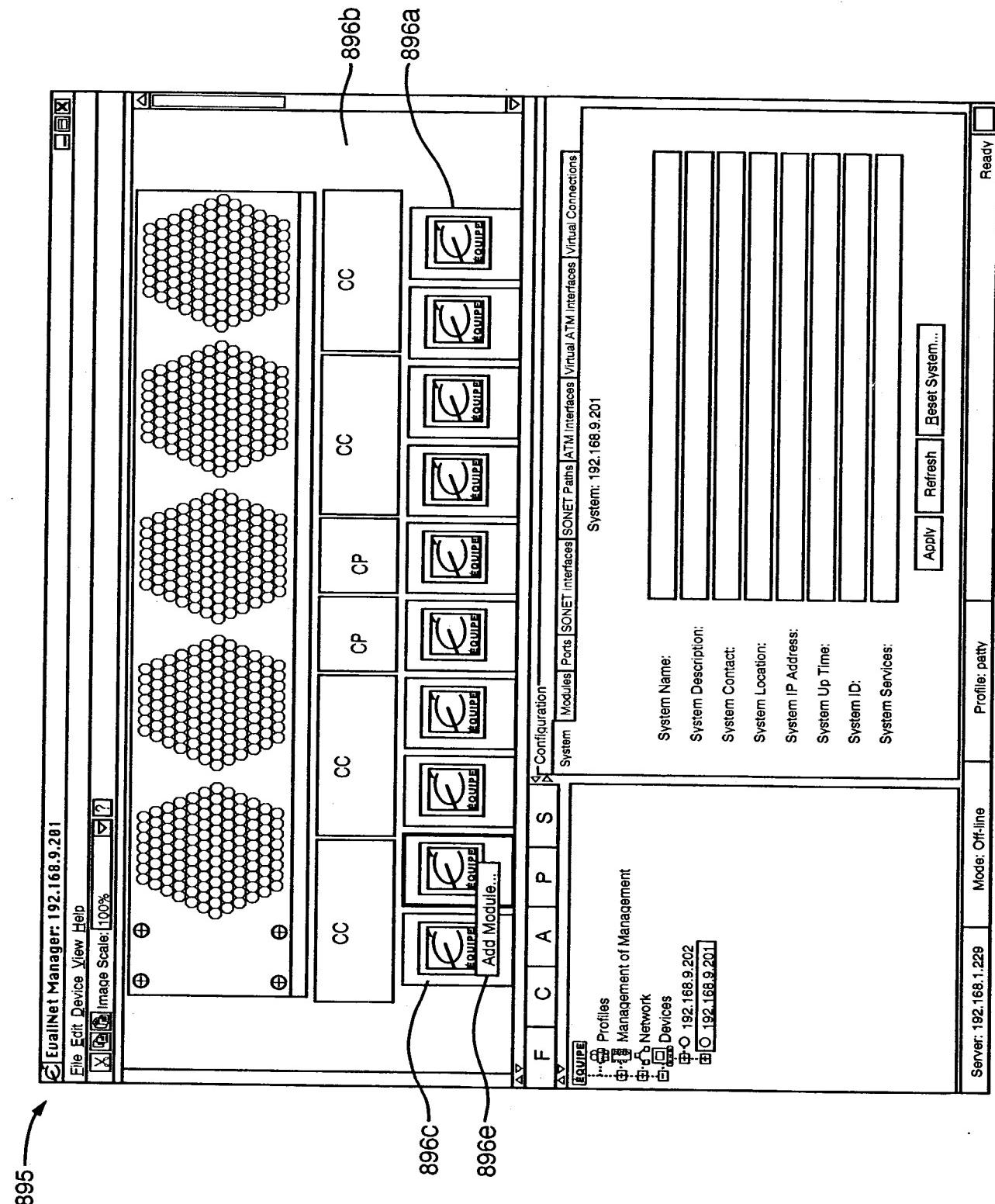
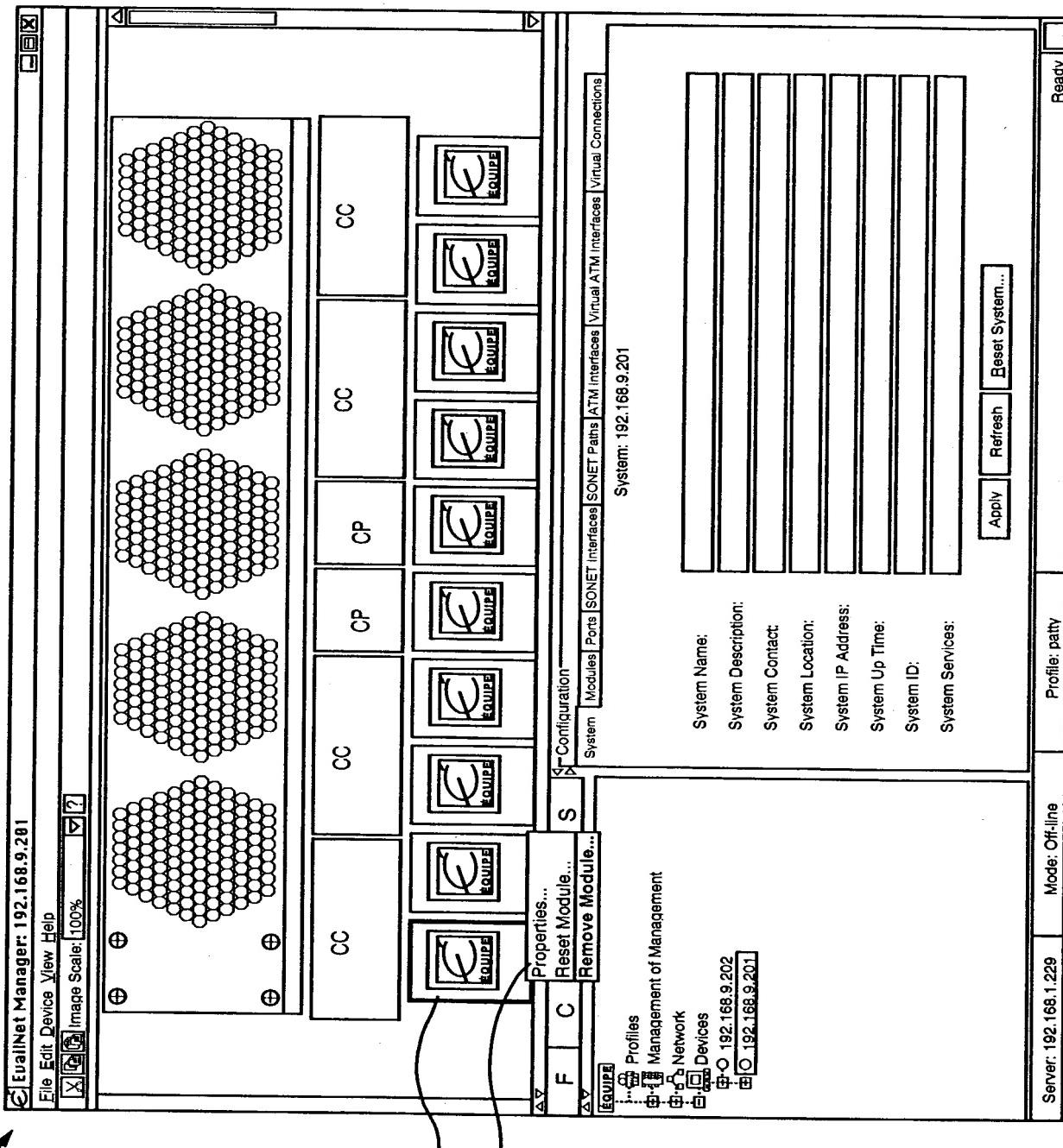


FIG. 6F



895 ↗

FIG. 6G

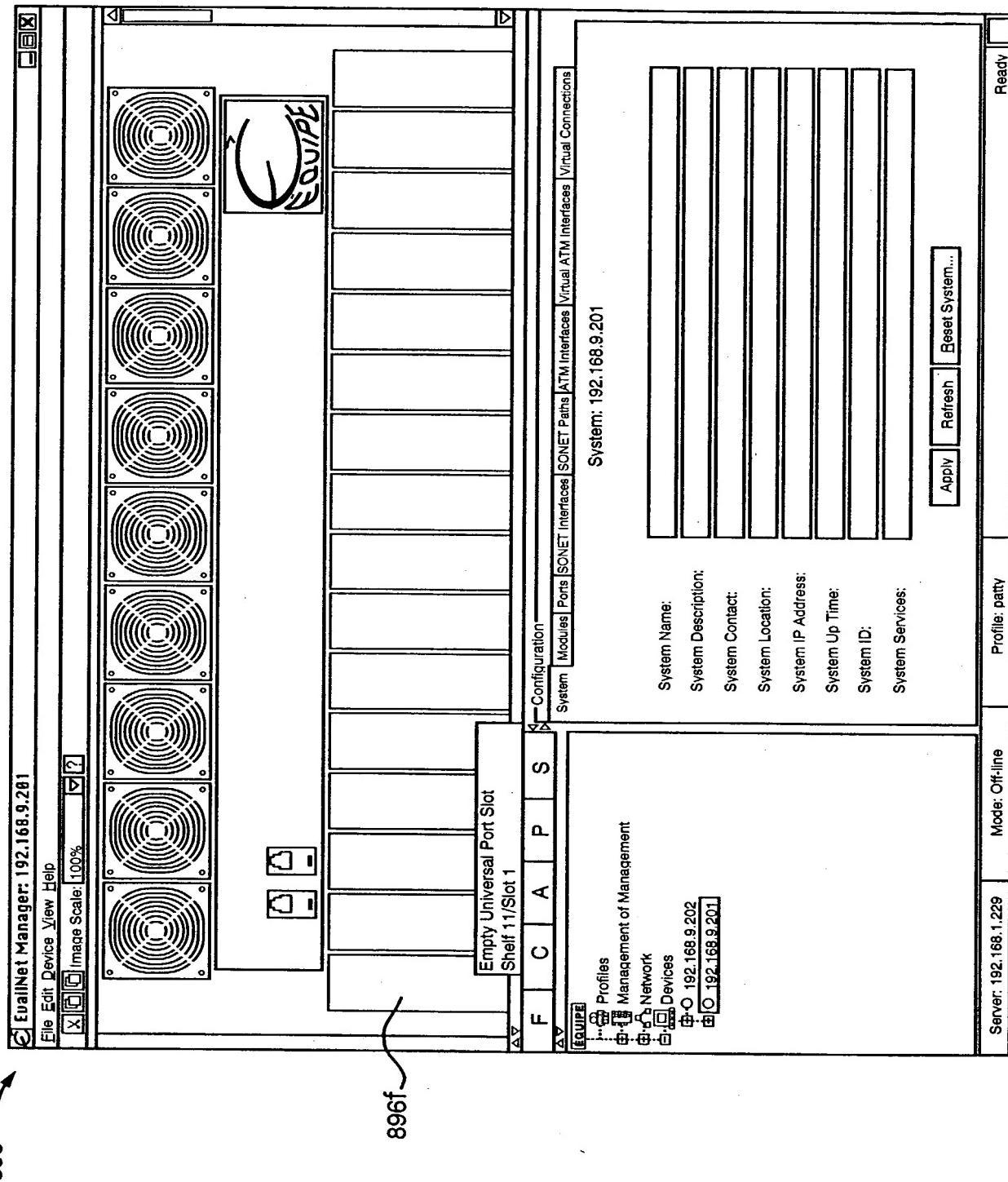
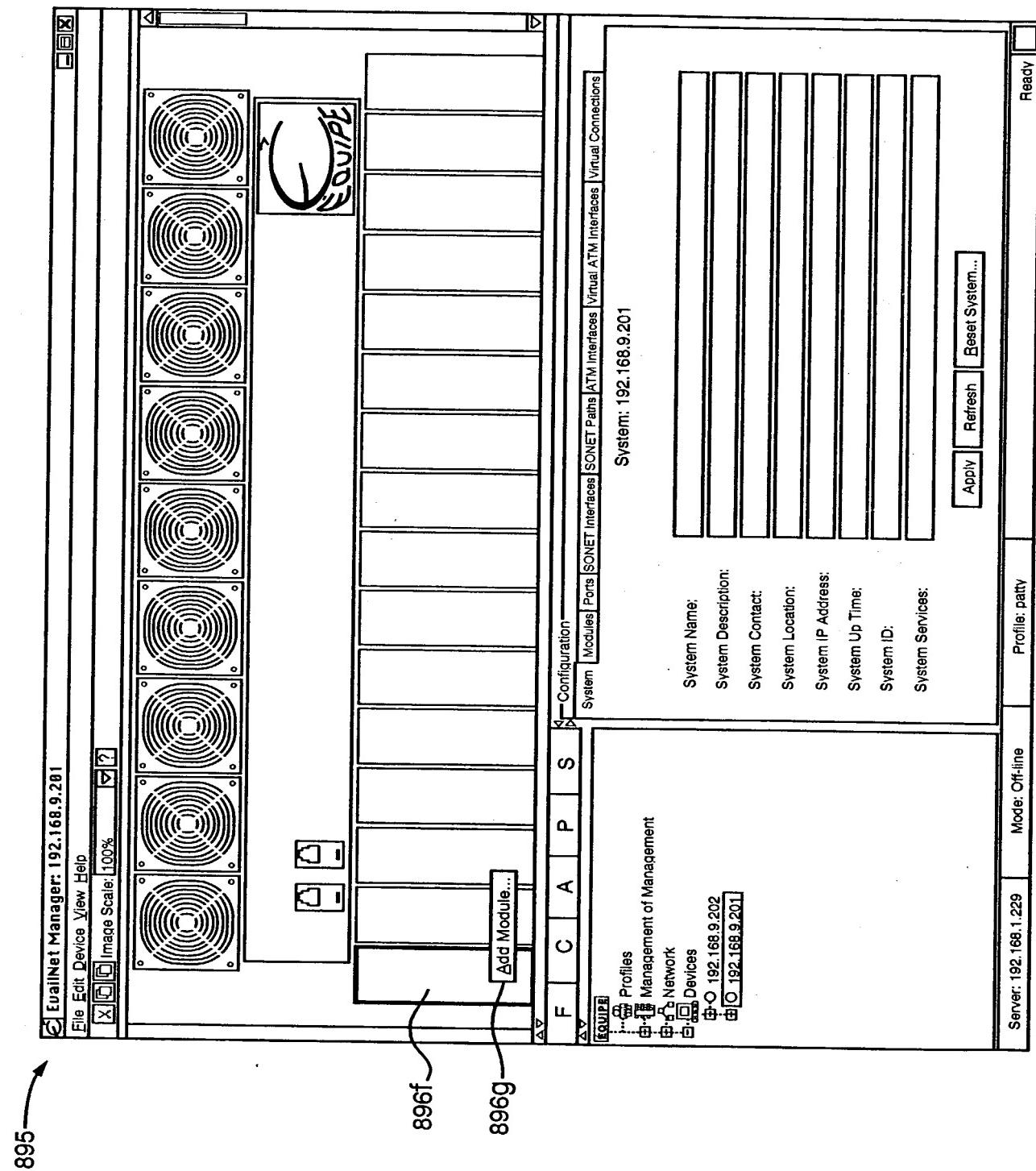


FIG. 6H



895 ↗

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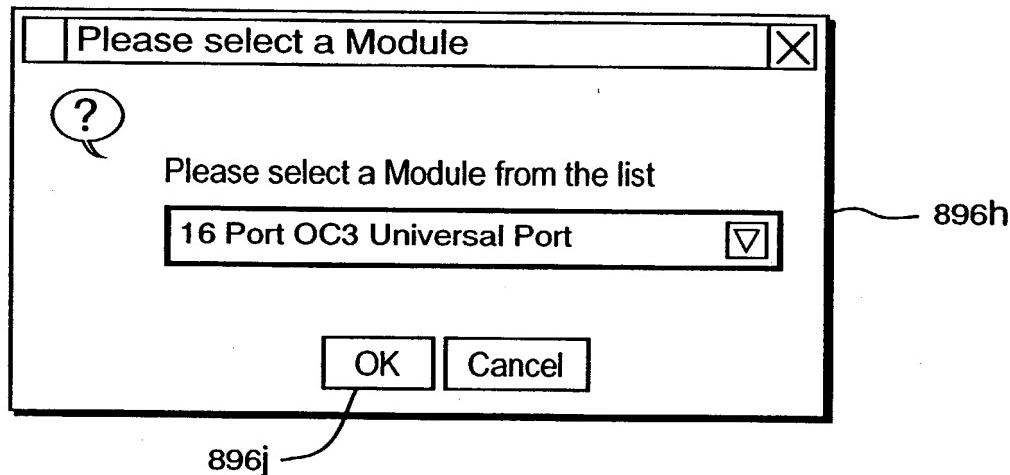


FIG. 6J

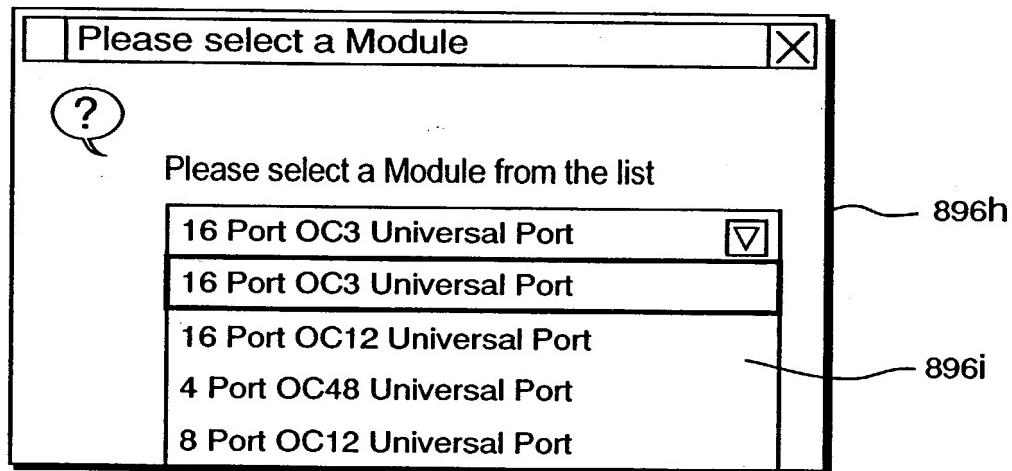


FIG. 6K

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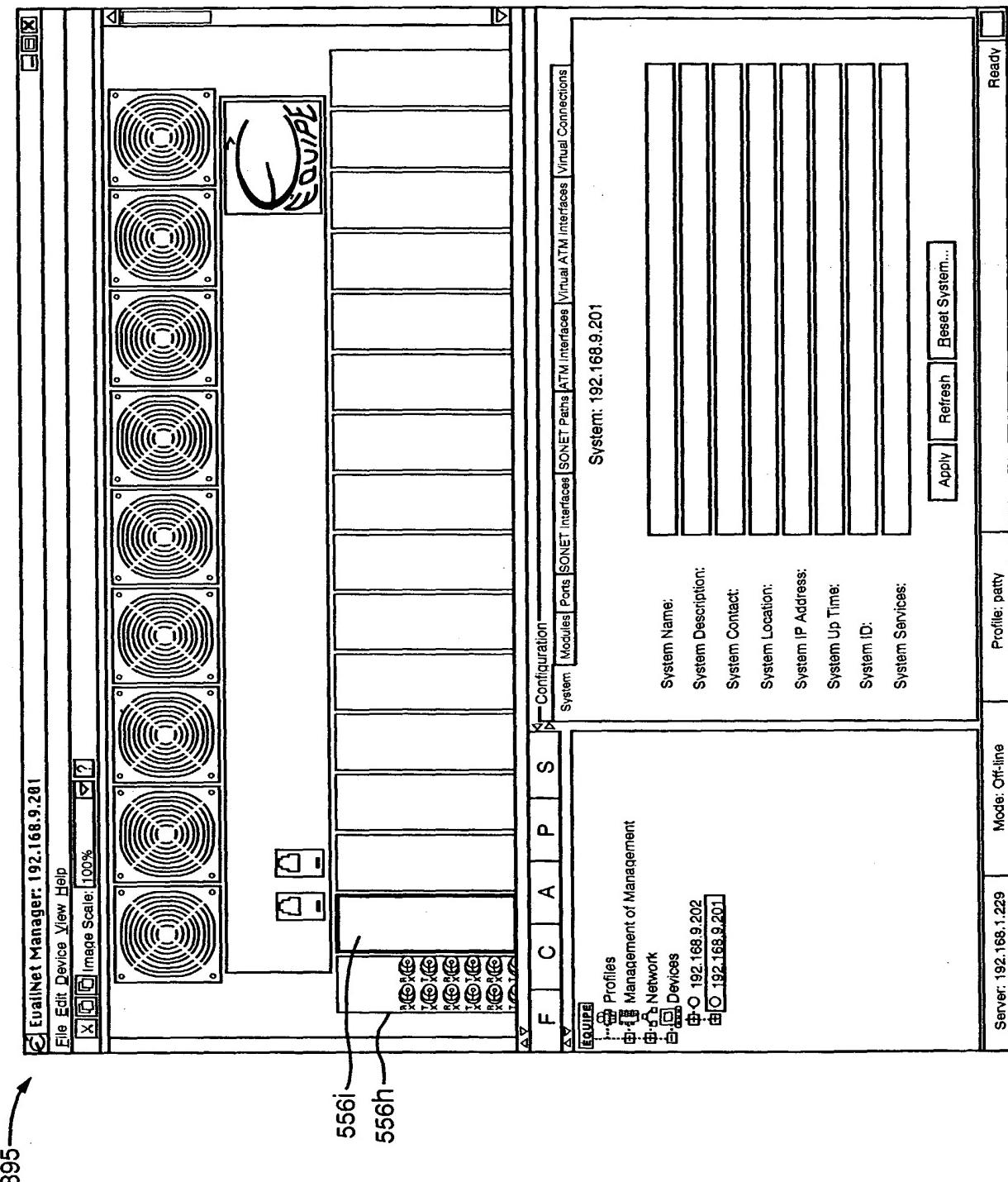
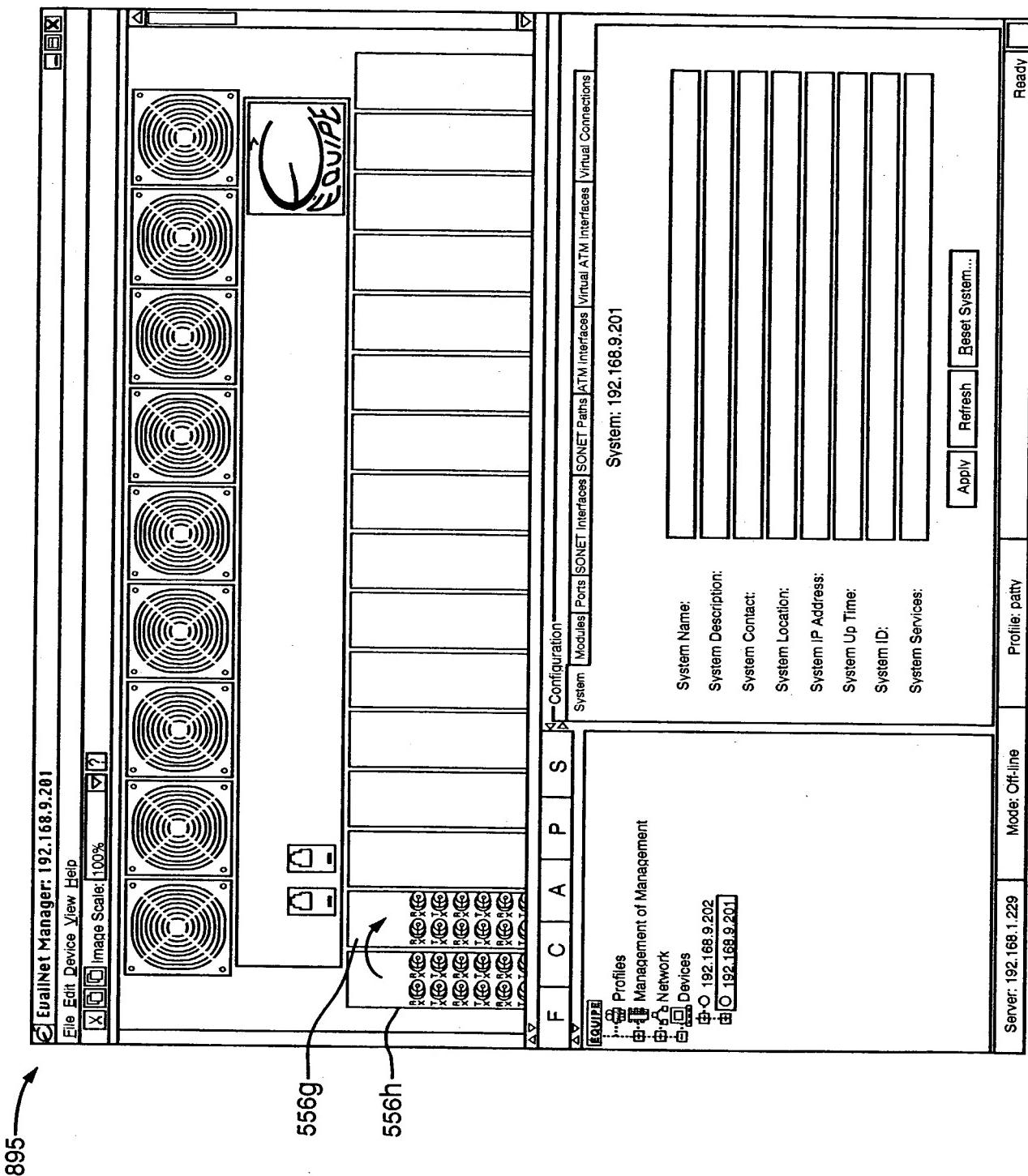


FIG. 6L

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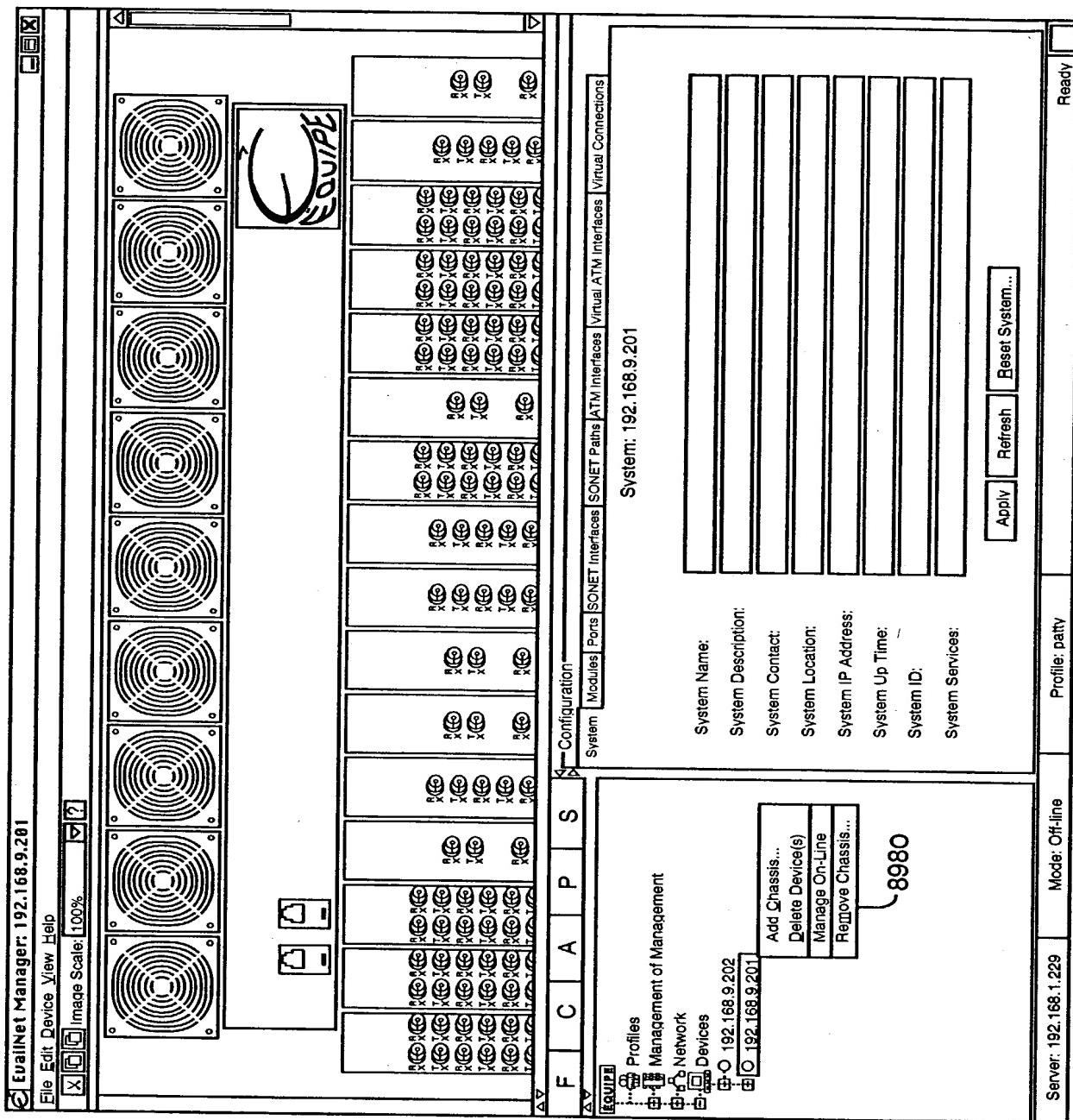
102689-85 102689-85 102689-85 102689-85 102689-85 102689-85 102689-85 102689-85

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FIG. 6M



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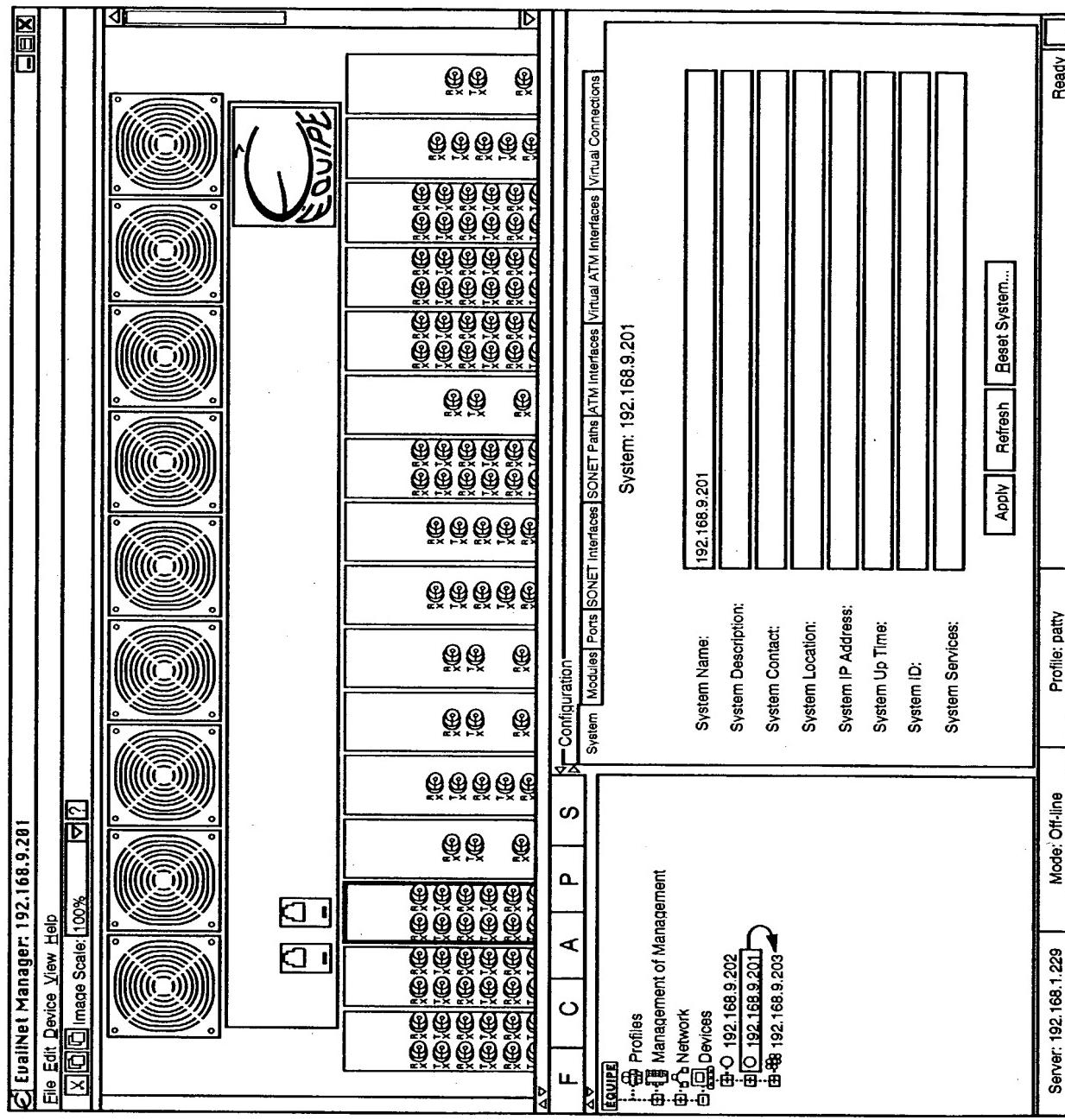


FIG. 60

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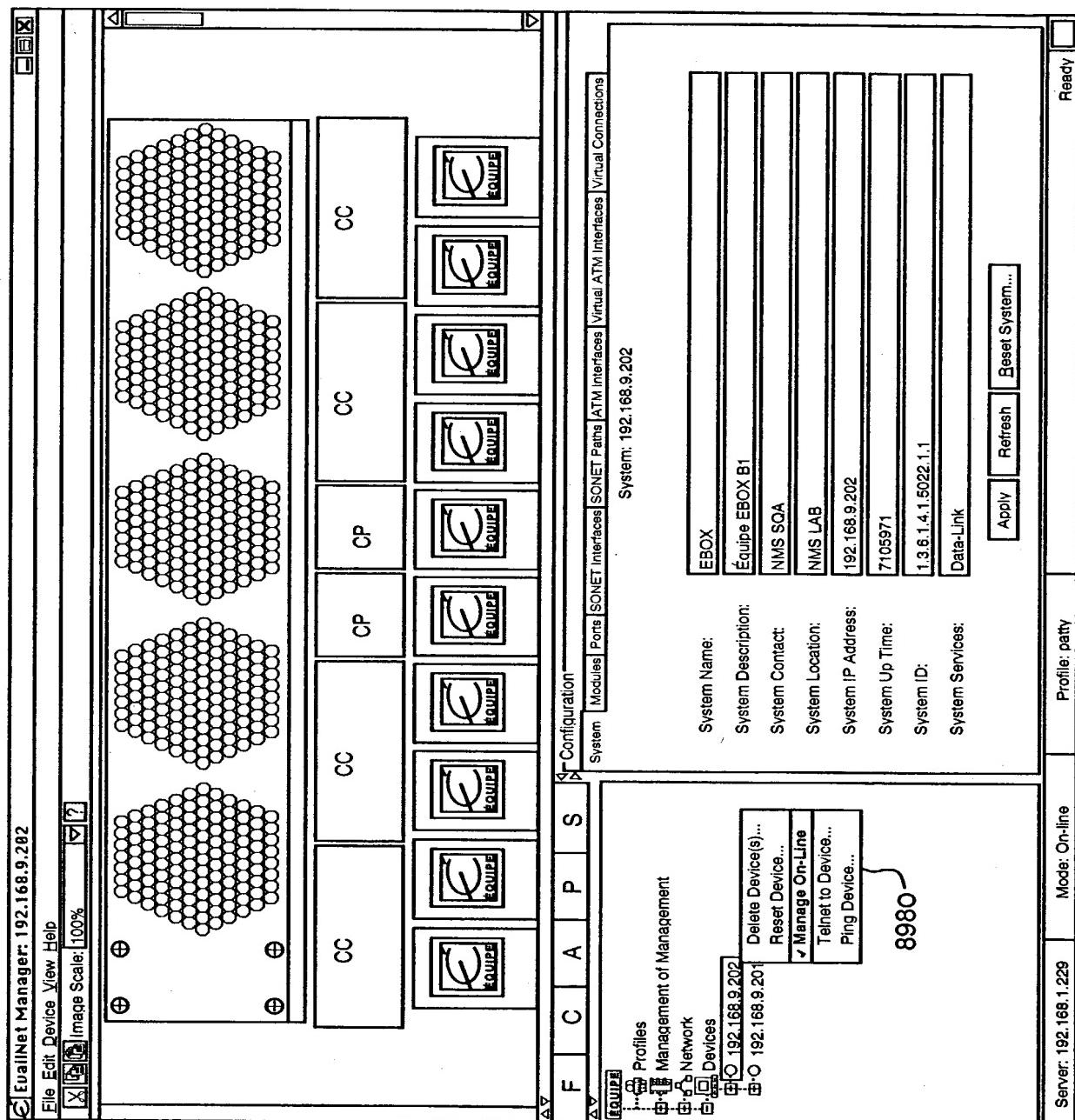


FIG. 6P

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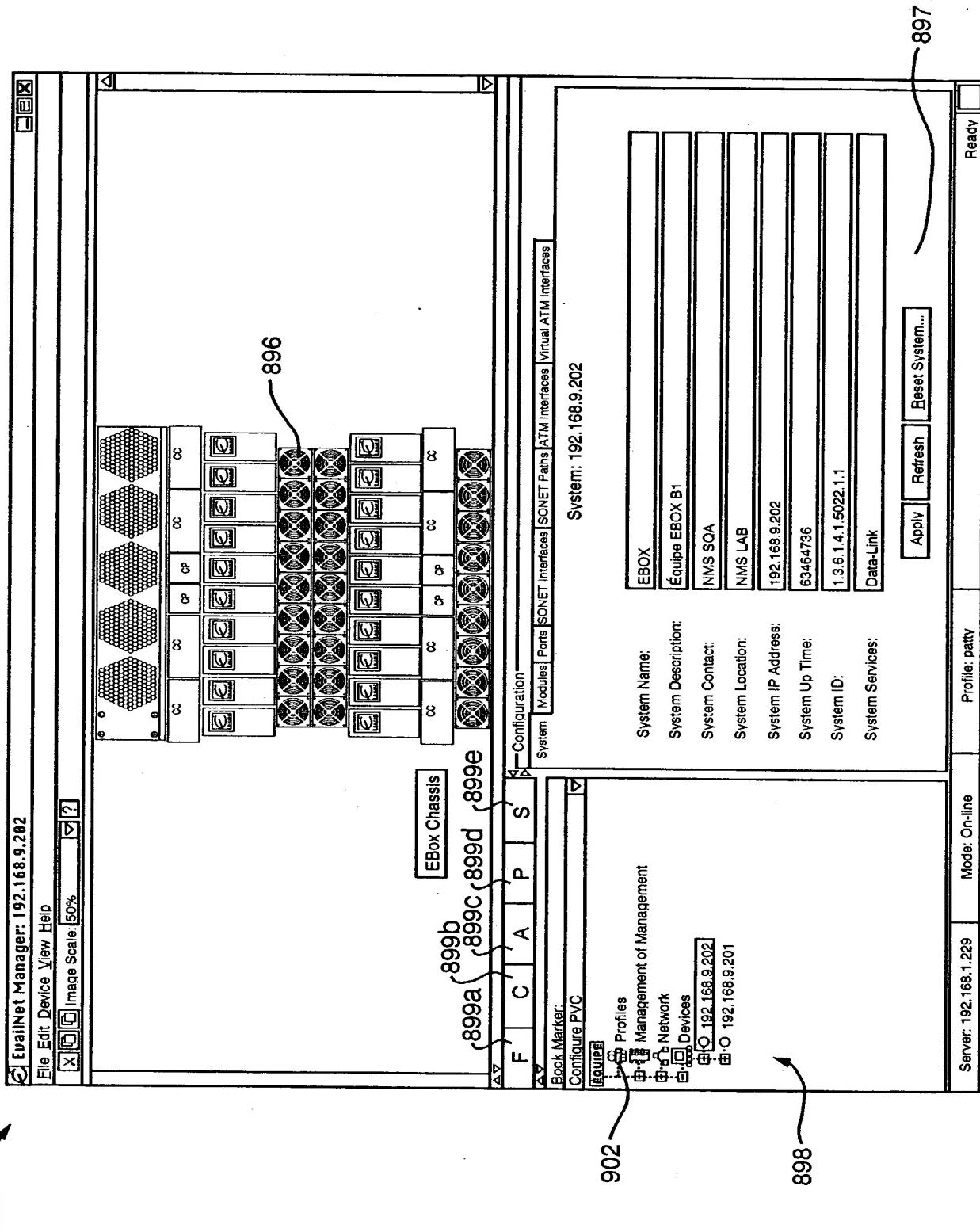


FIG. 7A

1995年1月1日 - 1996年1月1日

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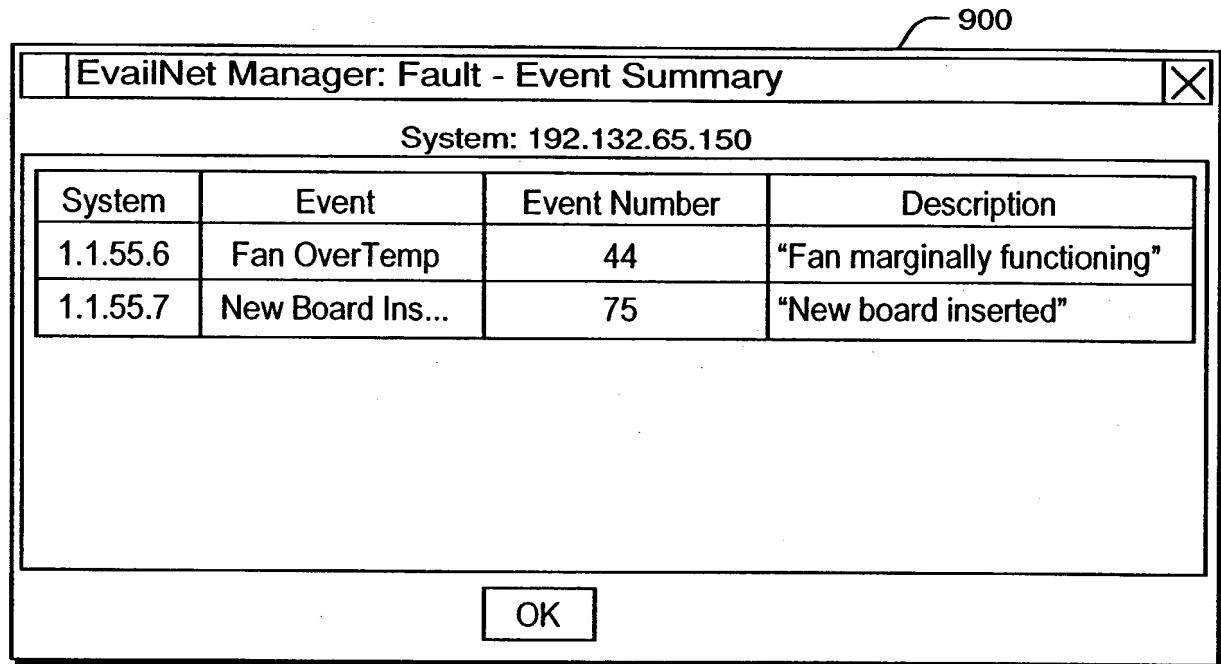


FIG. 7B

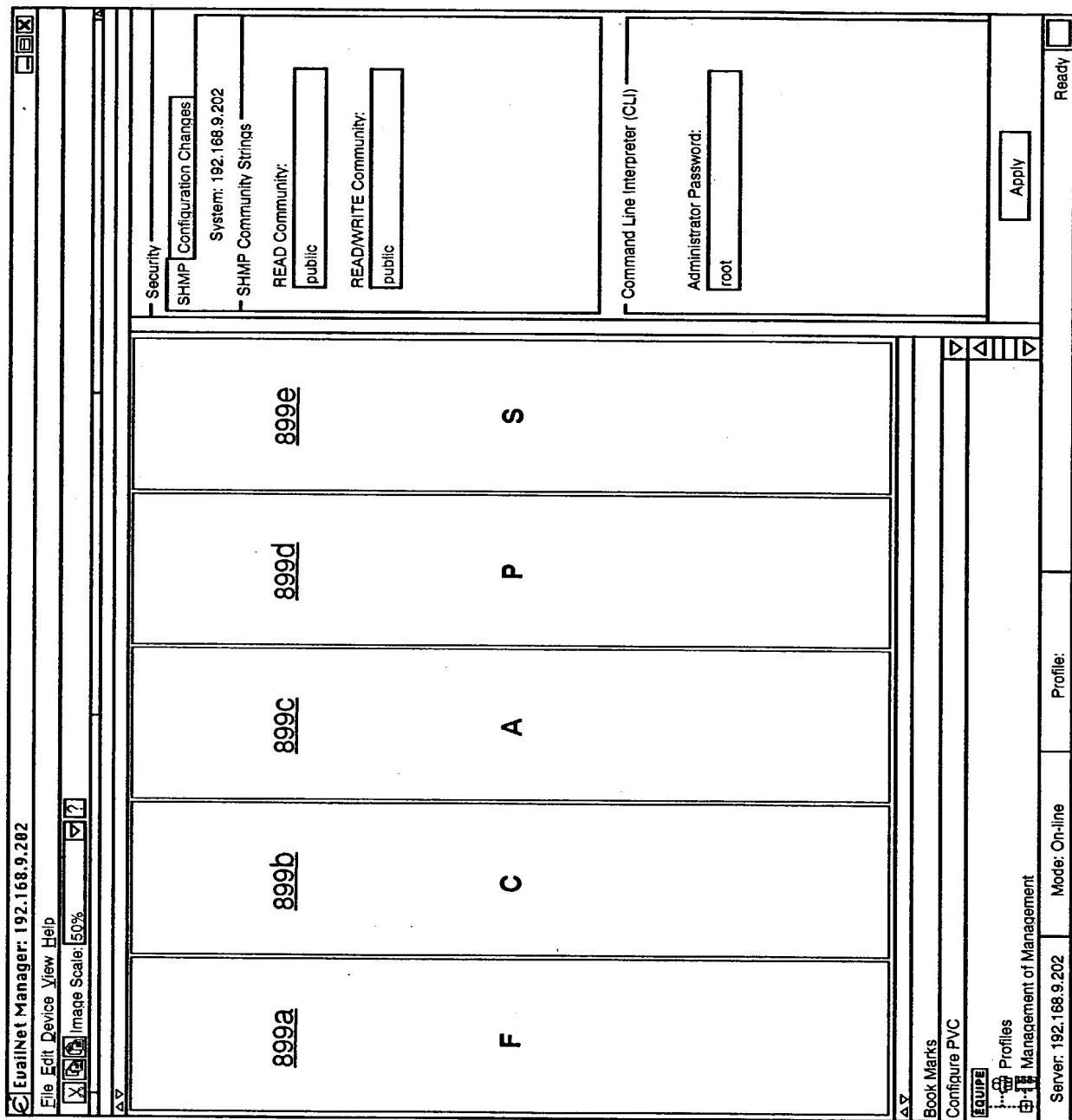


FIG. 7C

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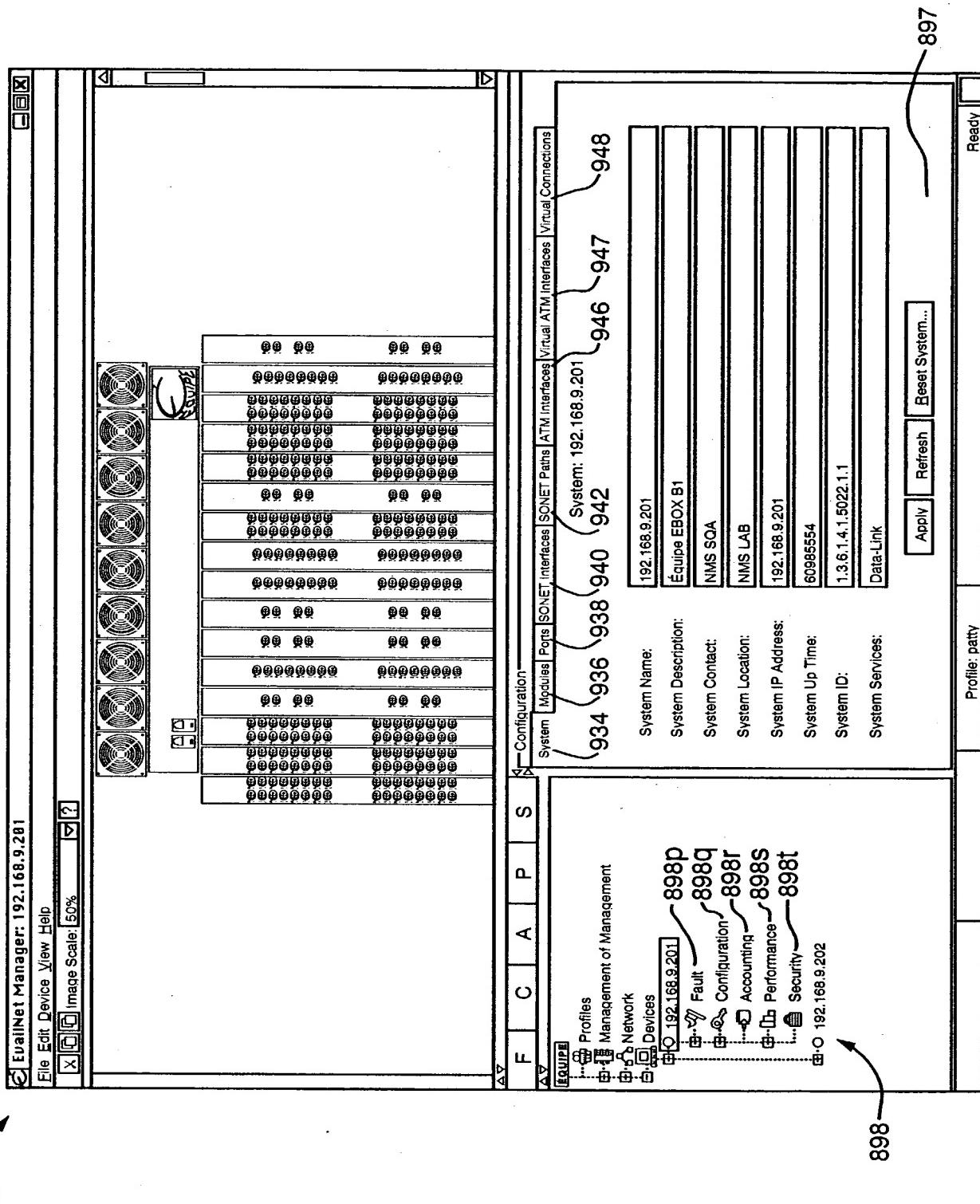


FIG. 7D

102689-85

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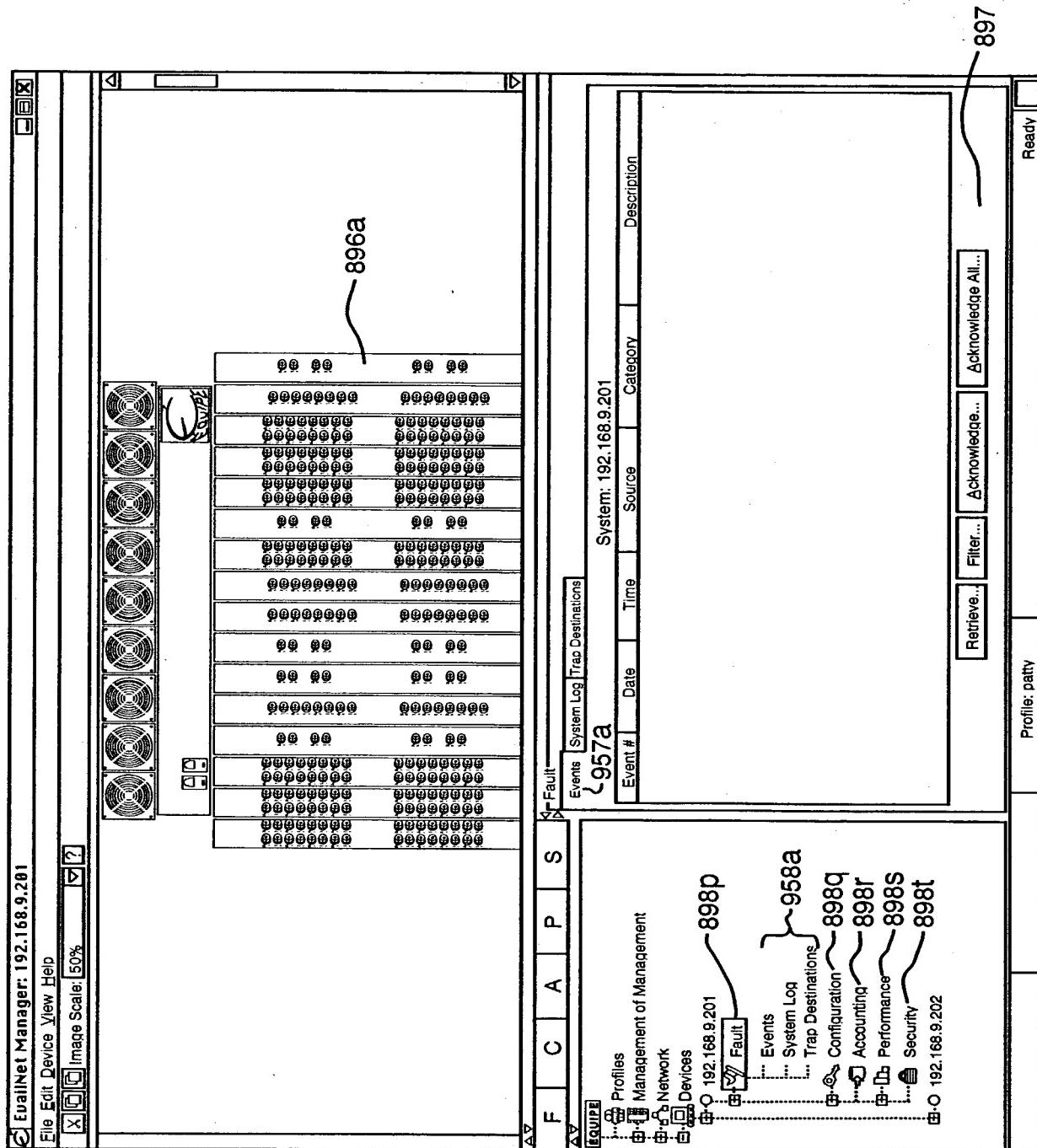


FIG. 7E

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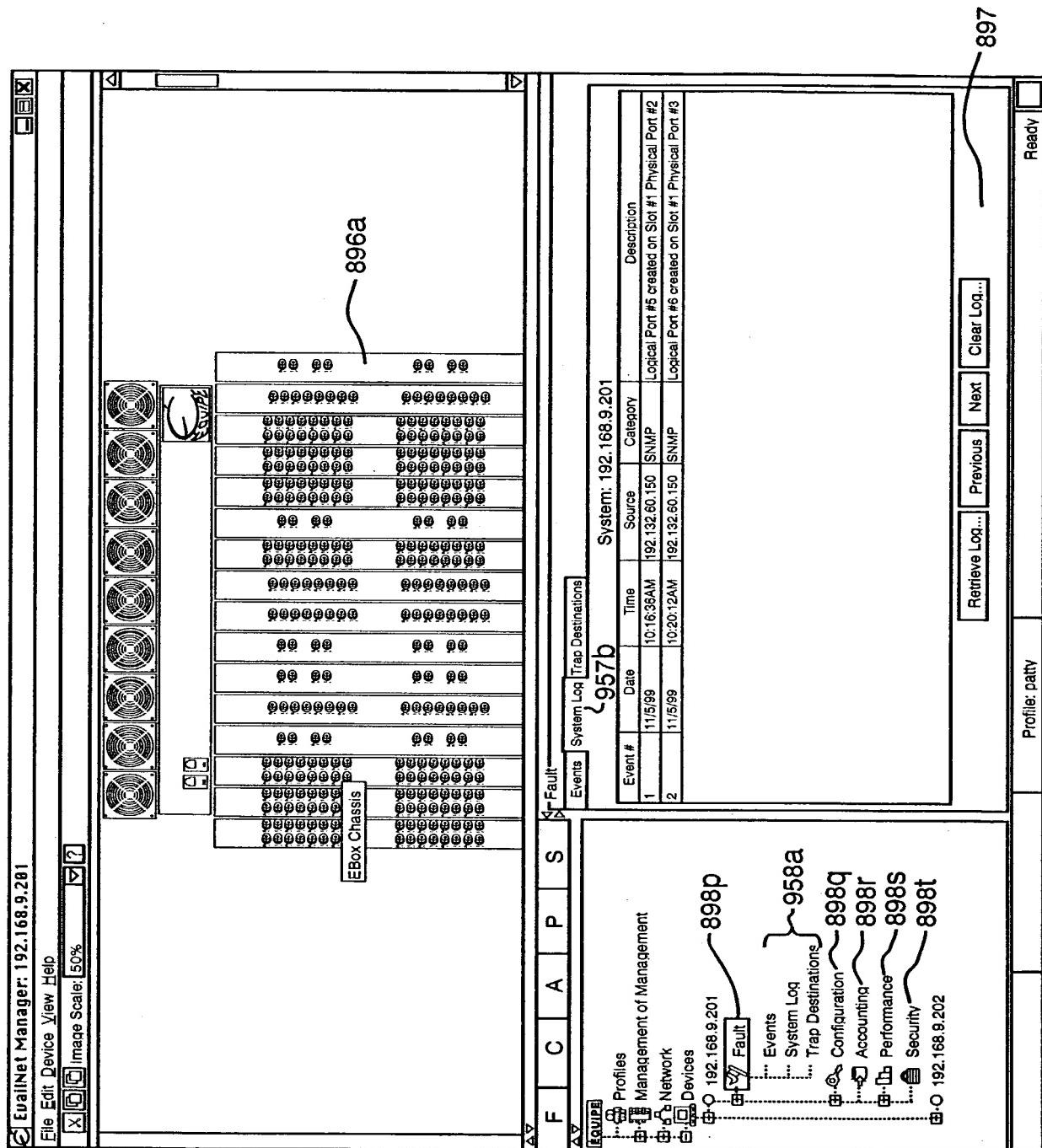
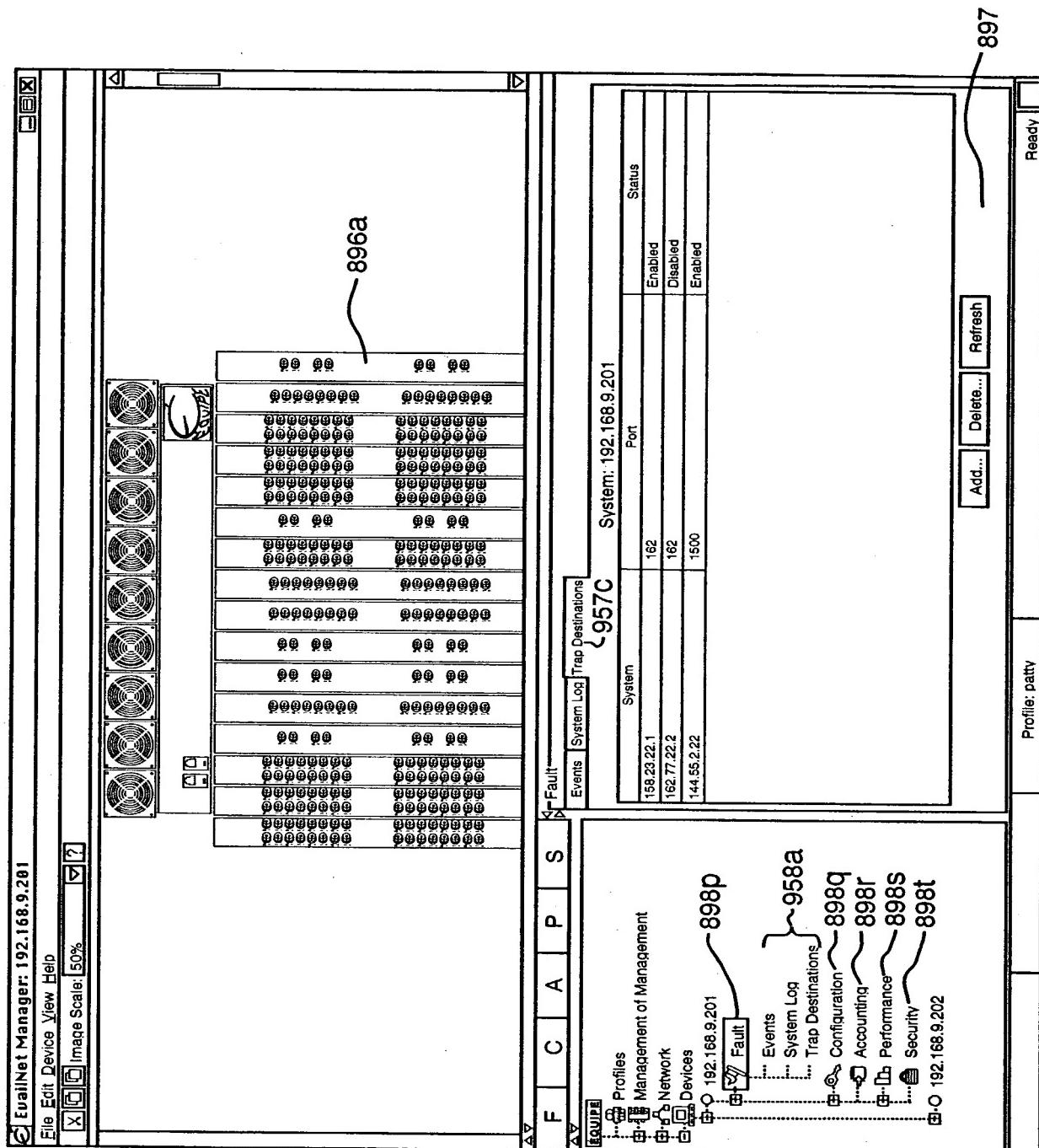


FIG. 7F

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FIG. 7G

102689-85

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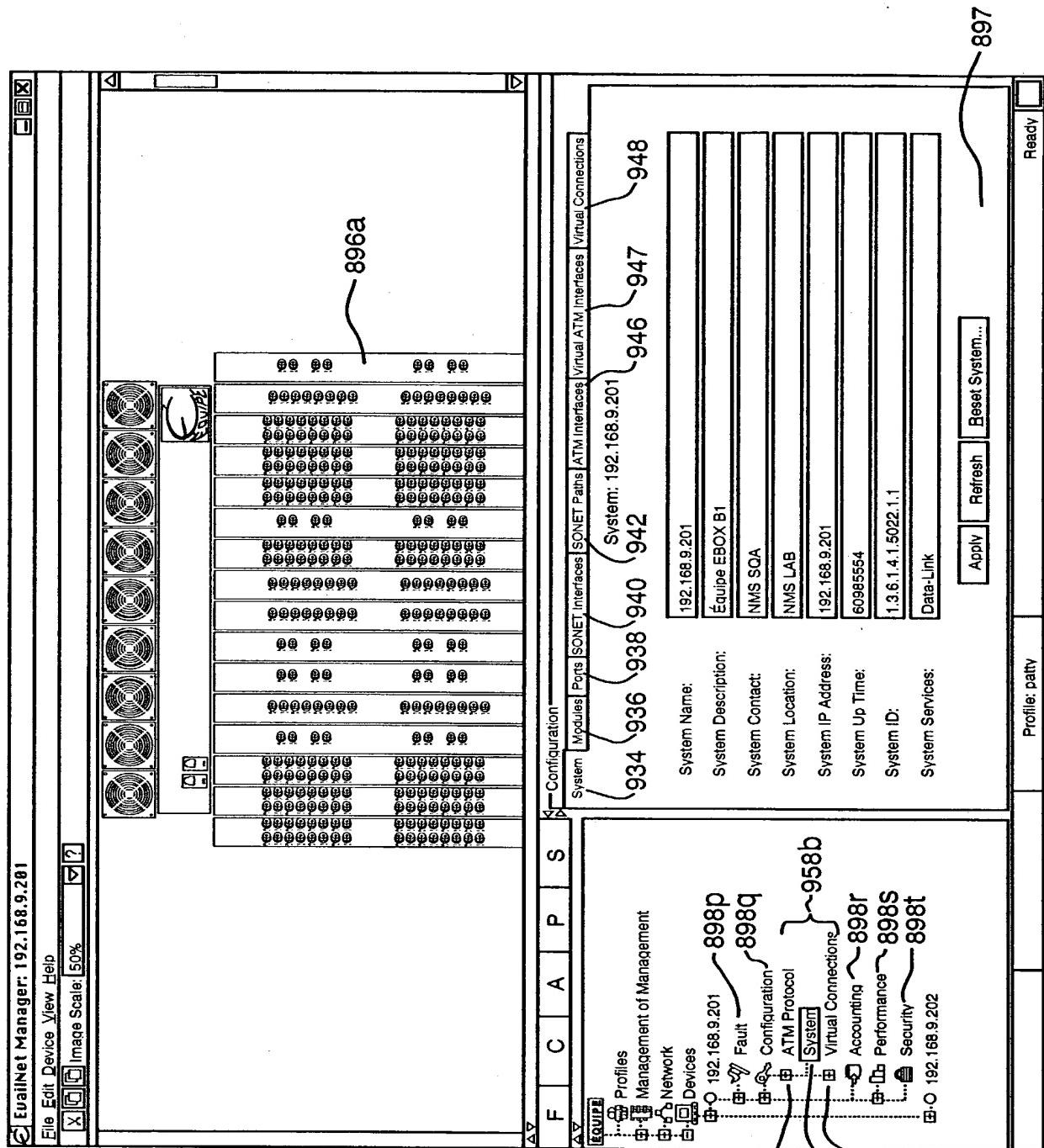


FIG. 7H

102689-85

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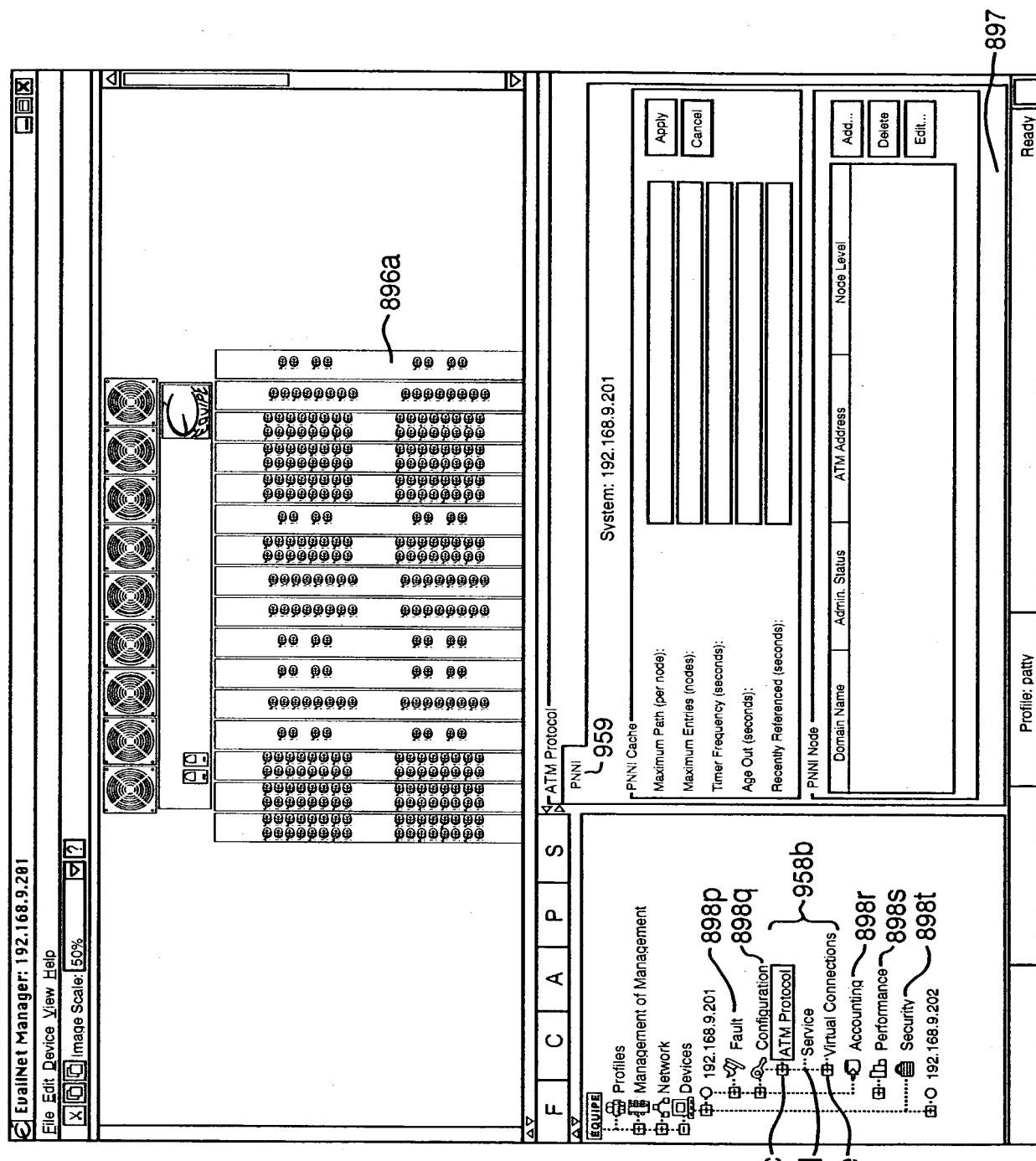


FIG. 71

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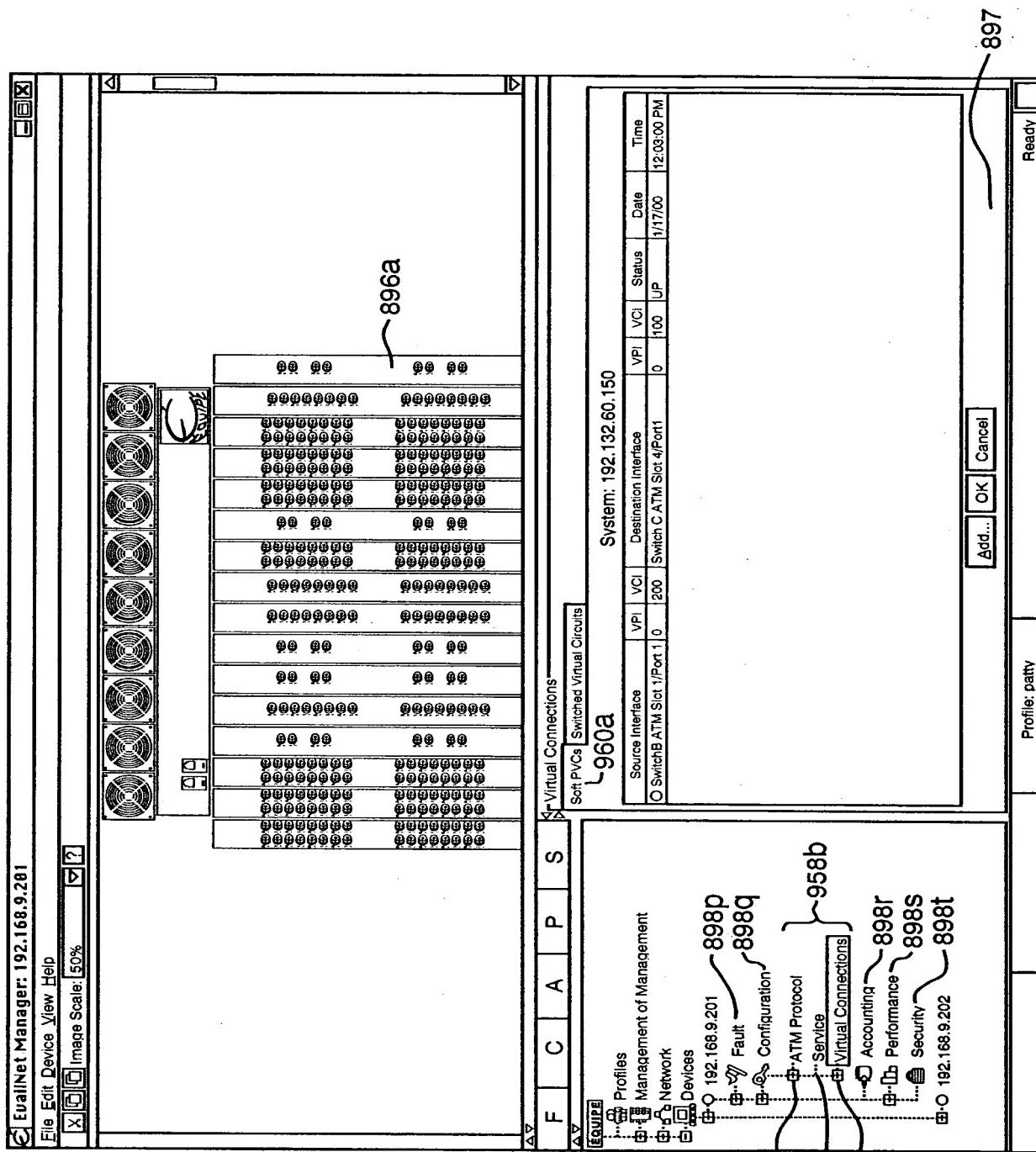
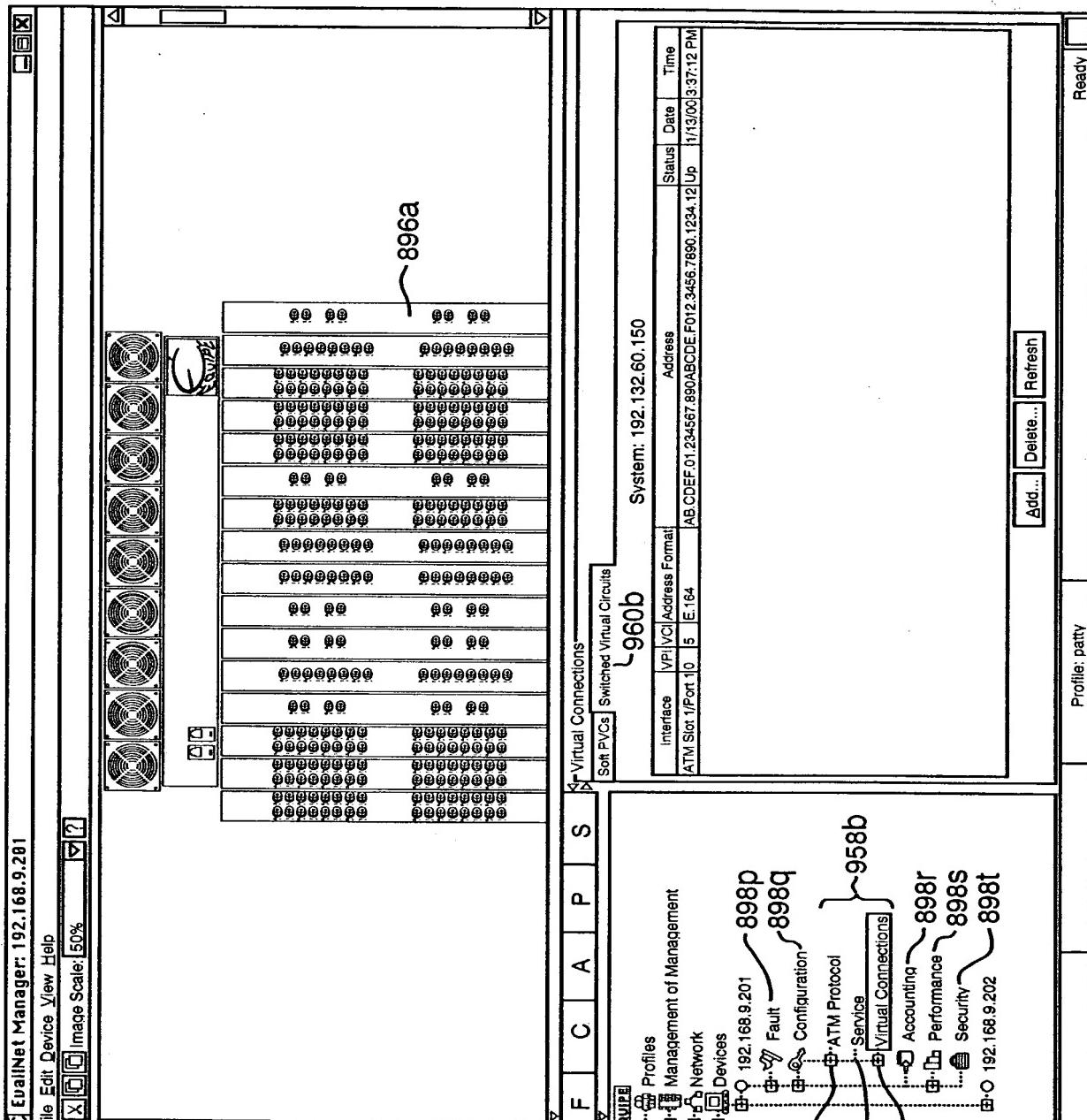


FIG. 7J

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FIG. 7K

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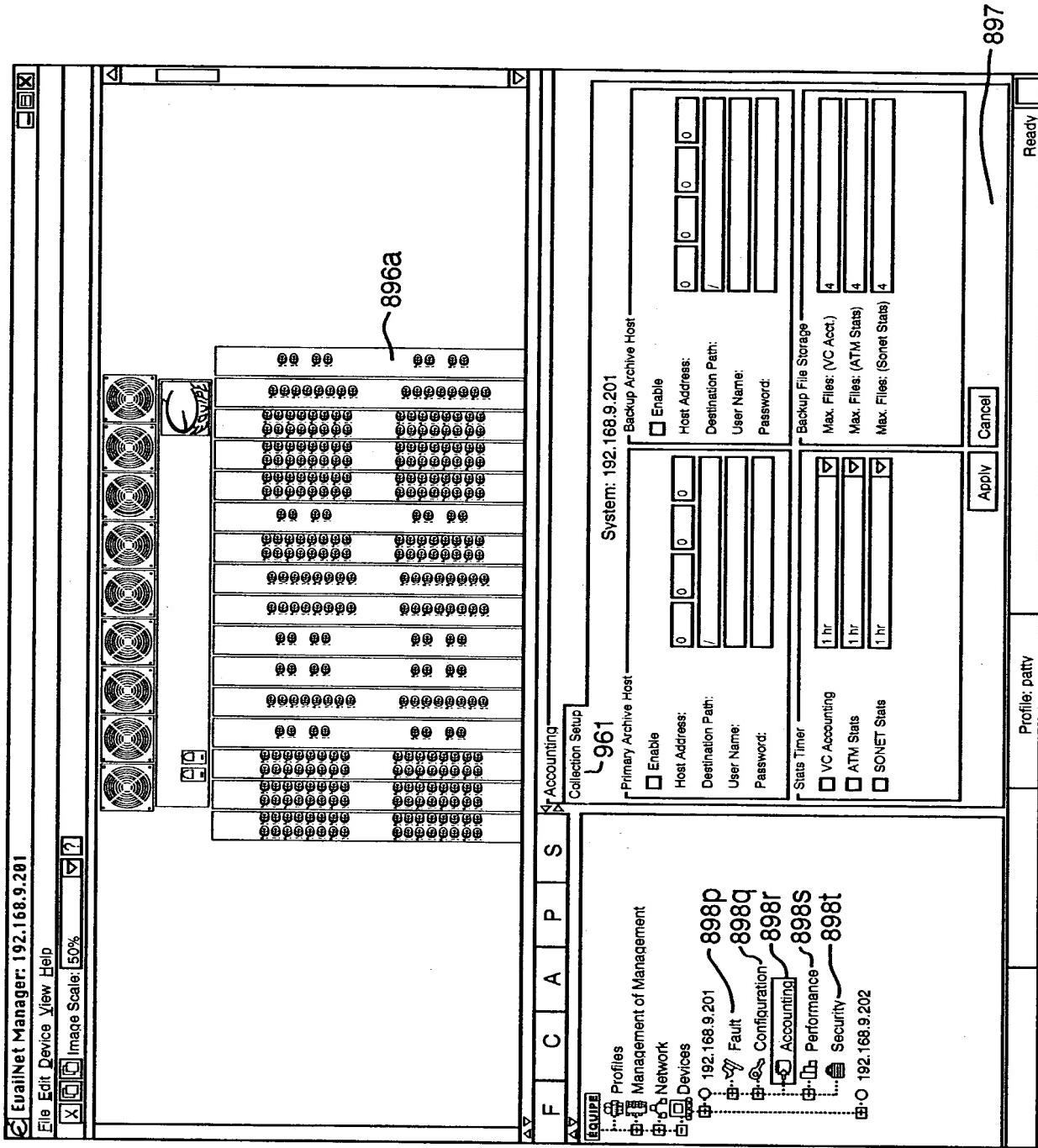


FIG. 7L

102689-85

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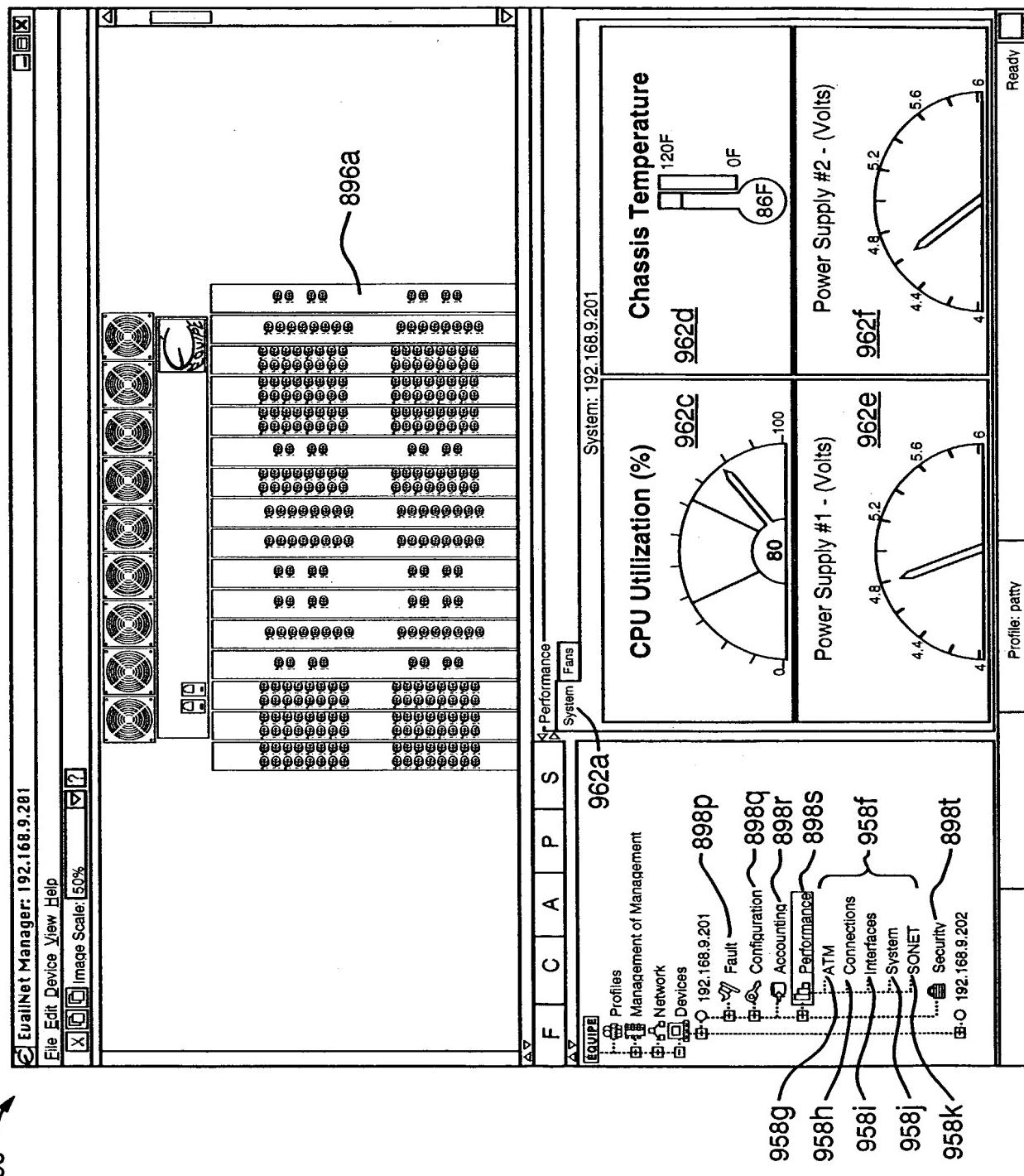


FIG. 7M

102689-85

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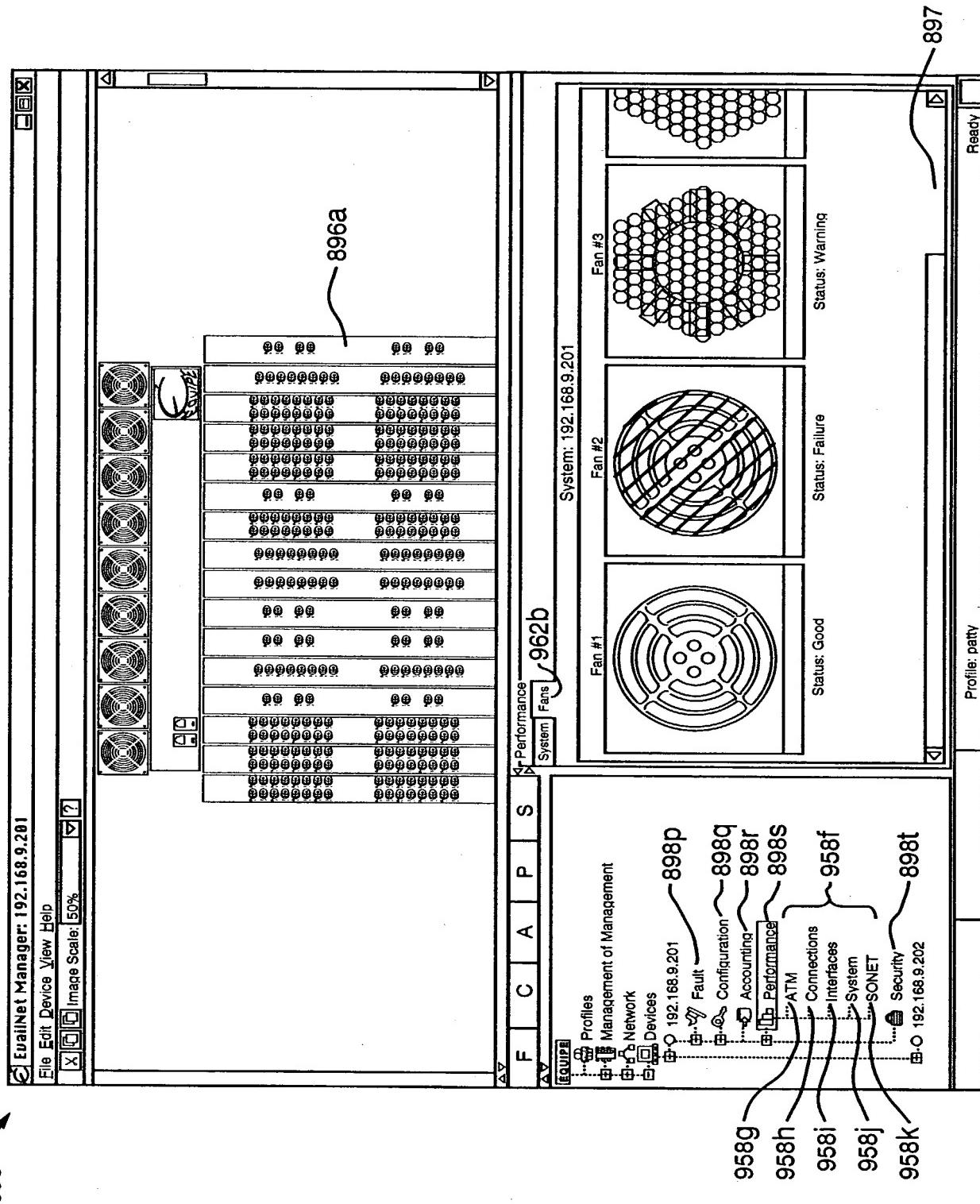


FIG. 7N

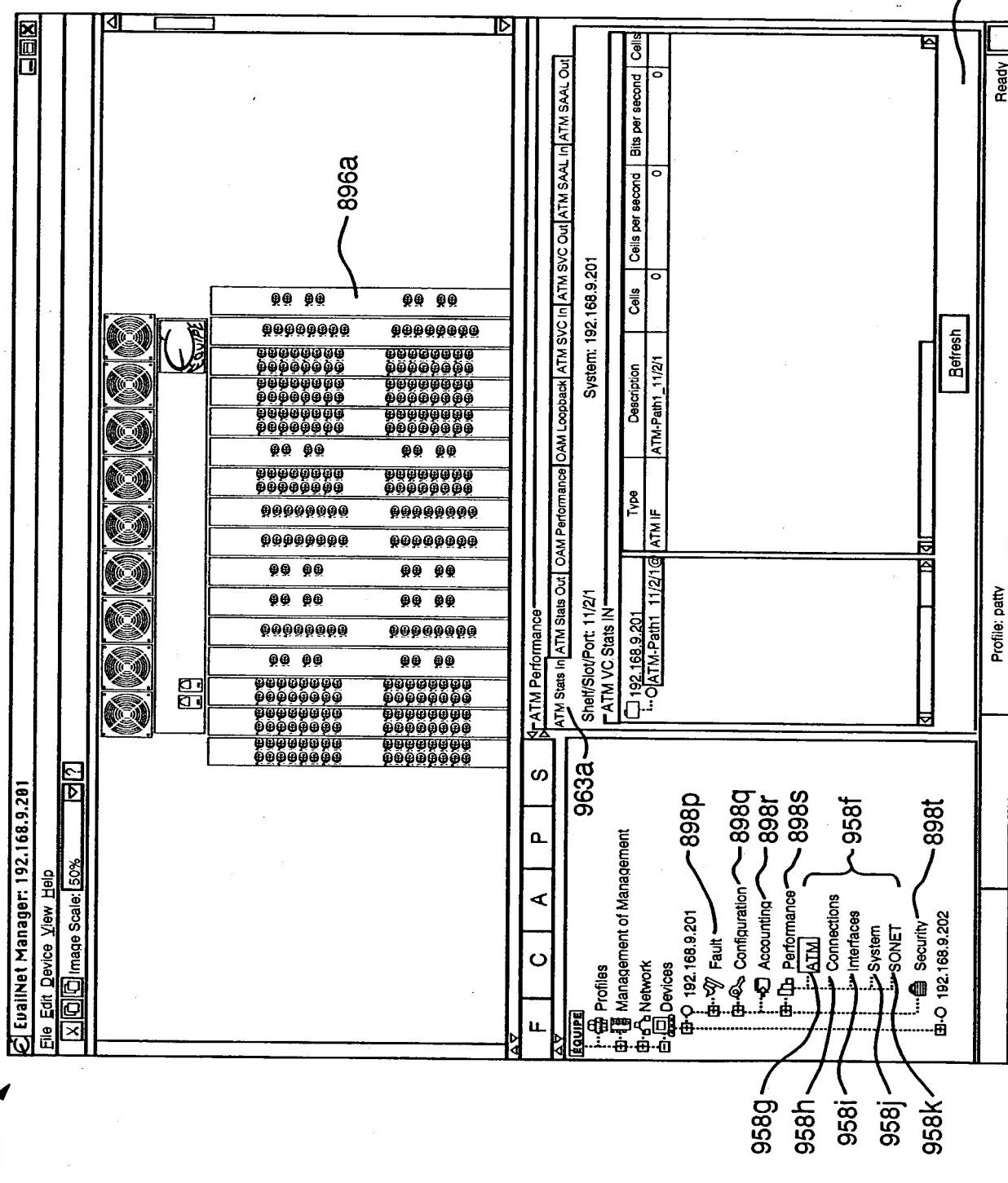


FIG. 70

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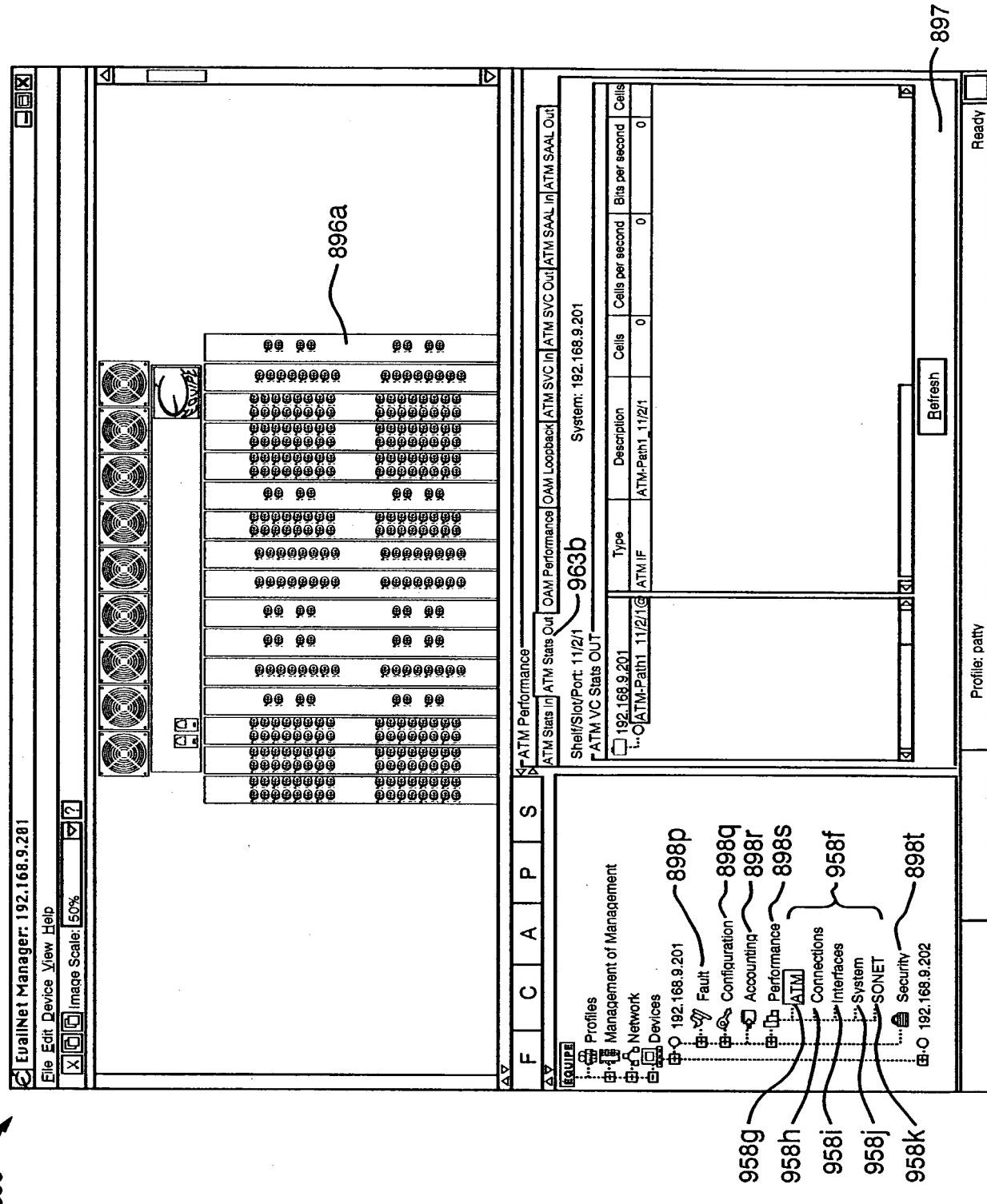


FIG. 7P

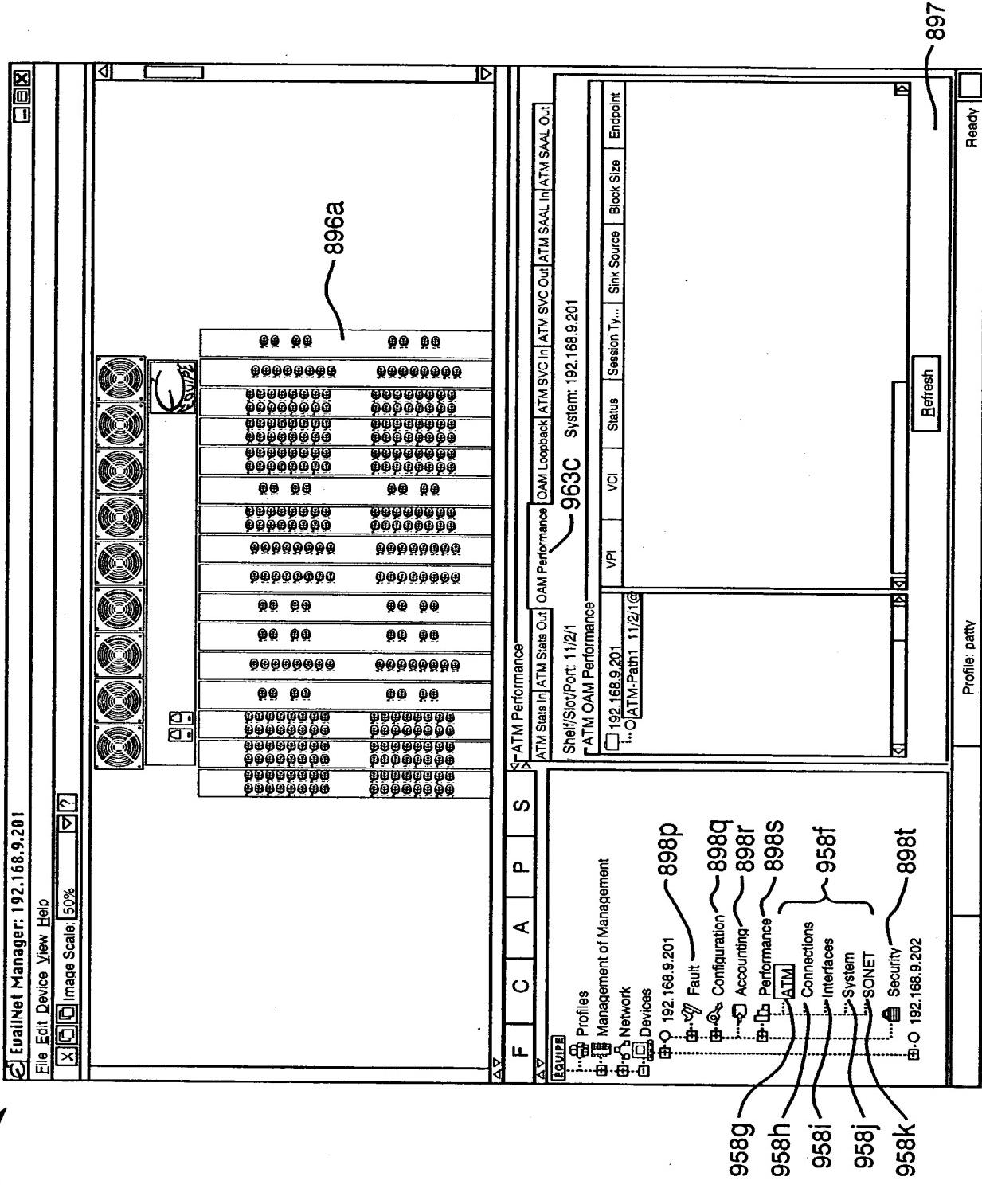


FIG. 7Q

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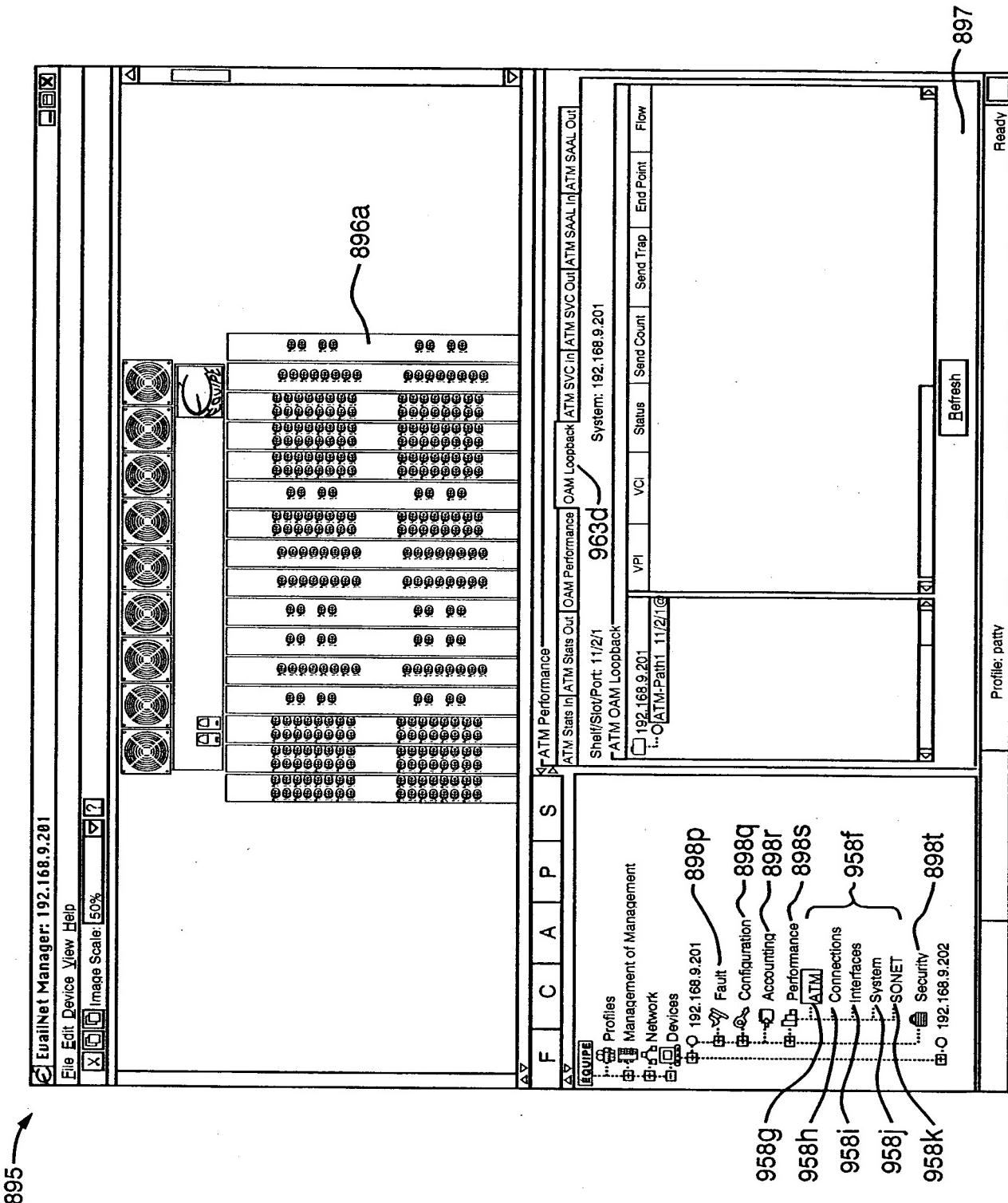


FIG. 7R

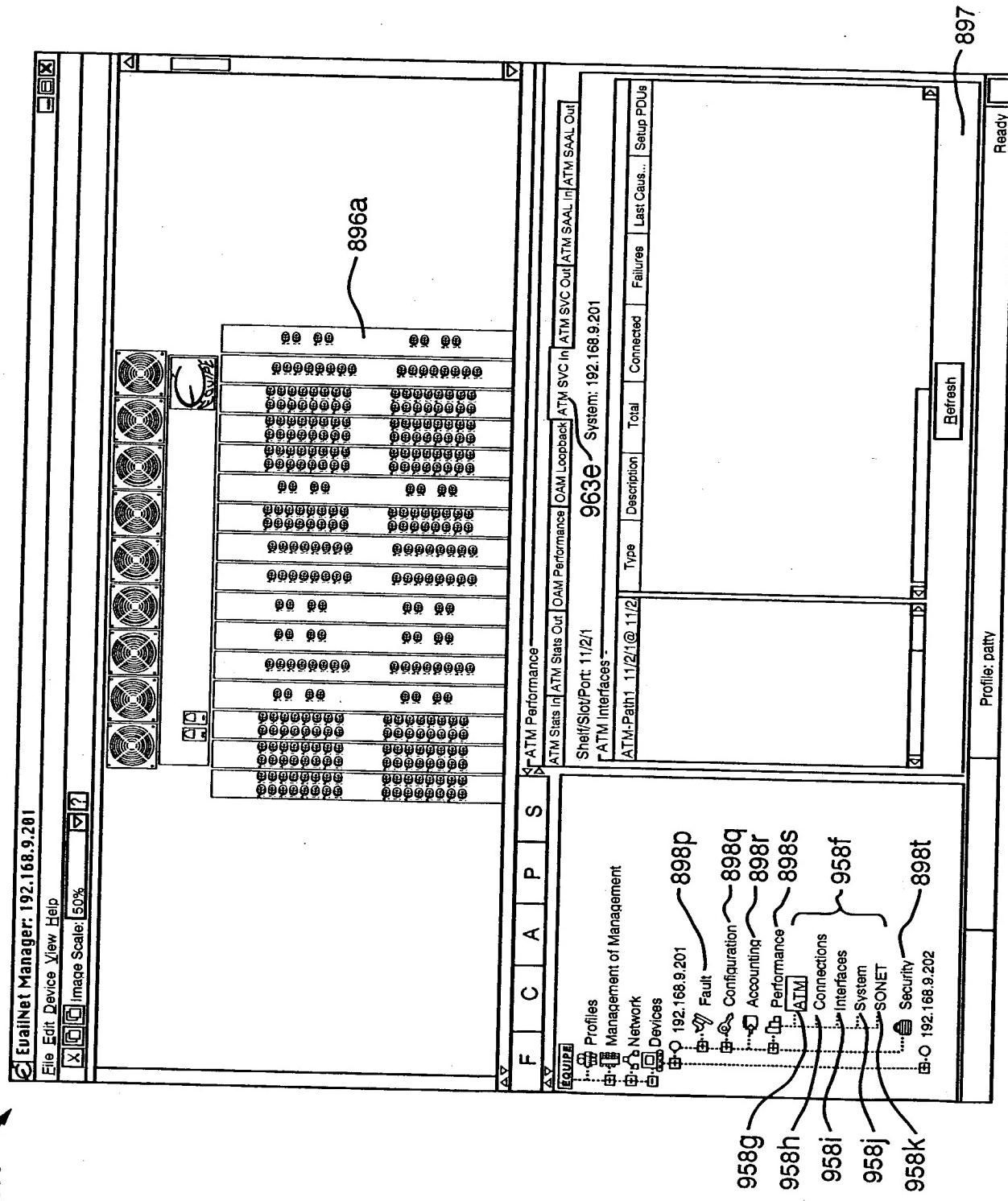


FIG. 7S

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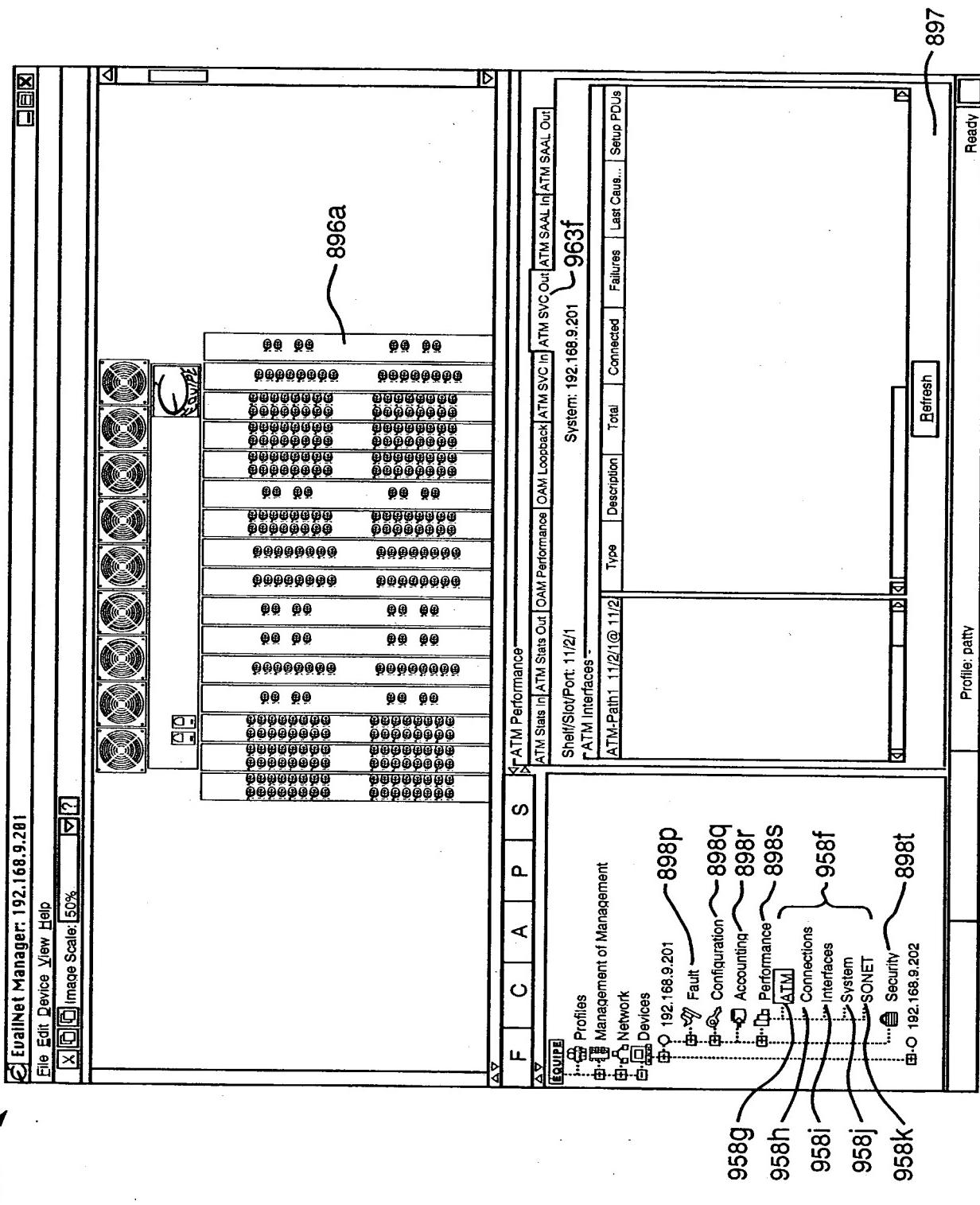
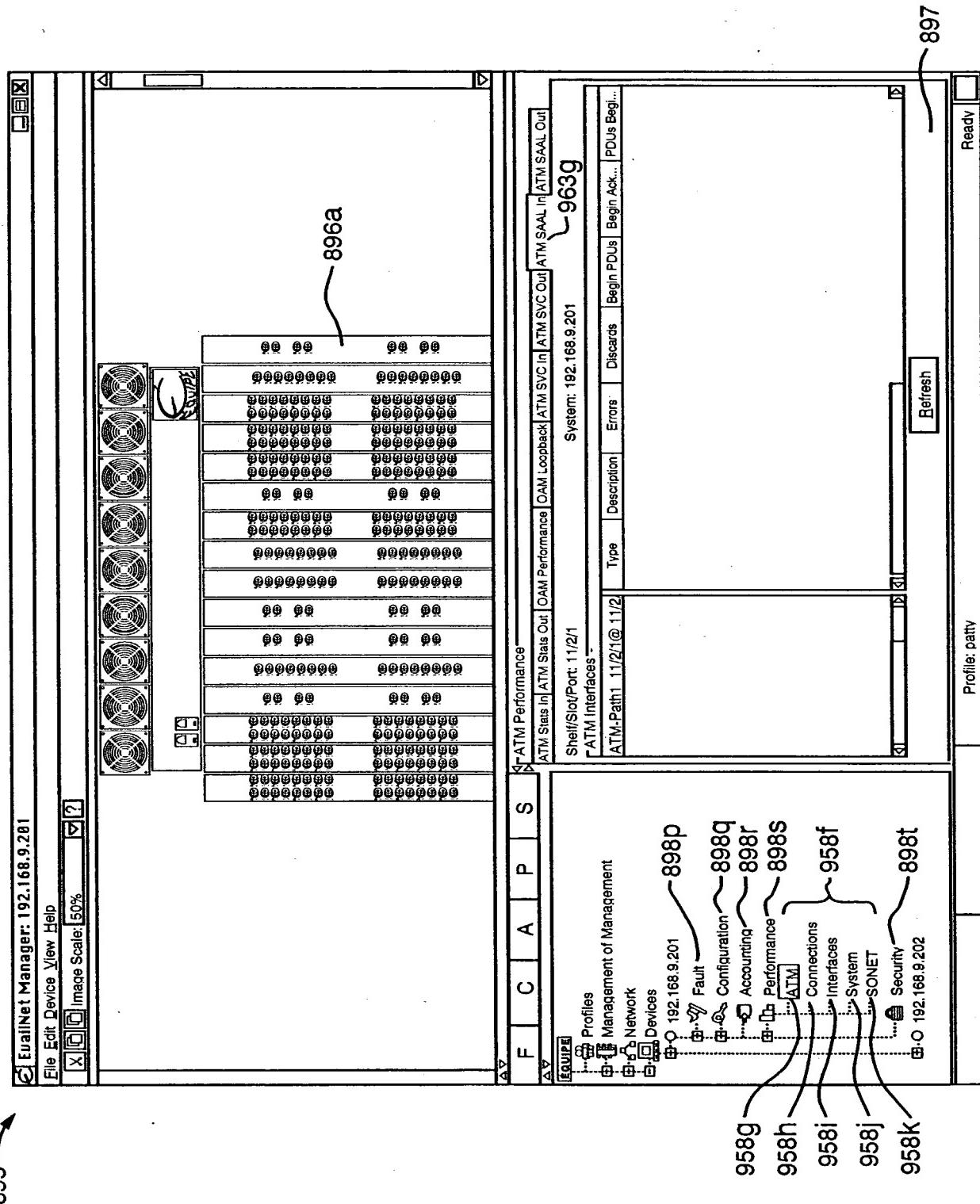


FIG. 7T

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FIG. 7U

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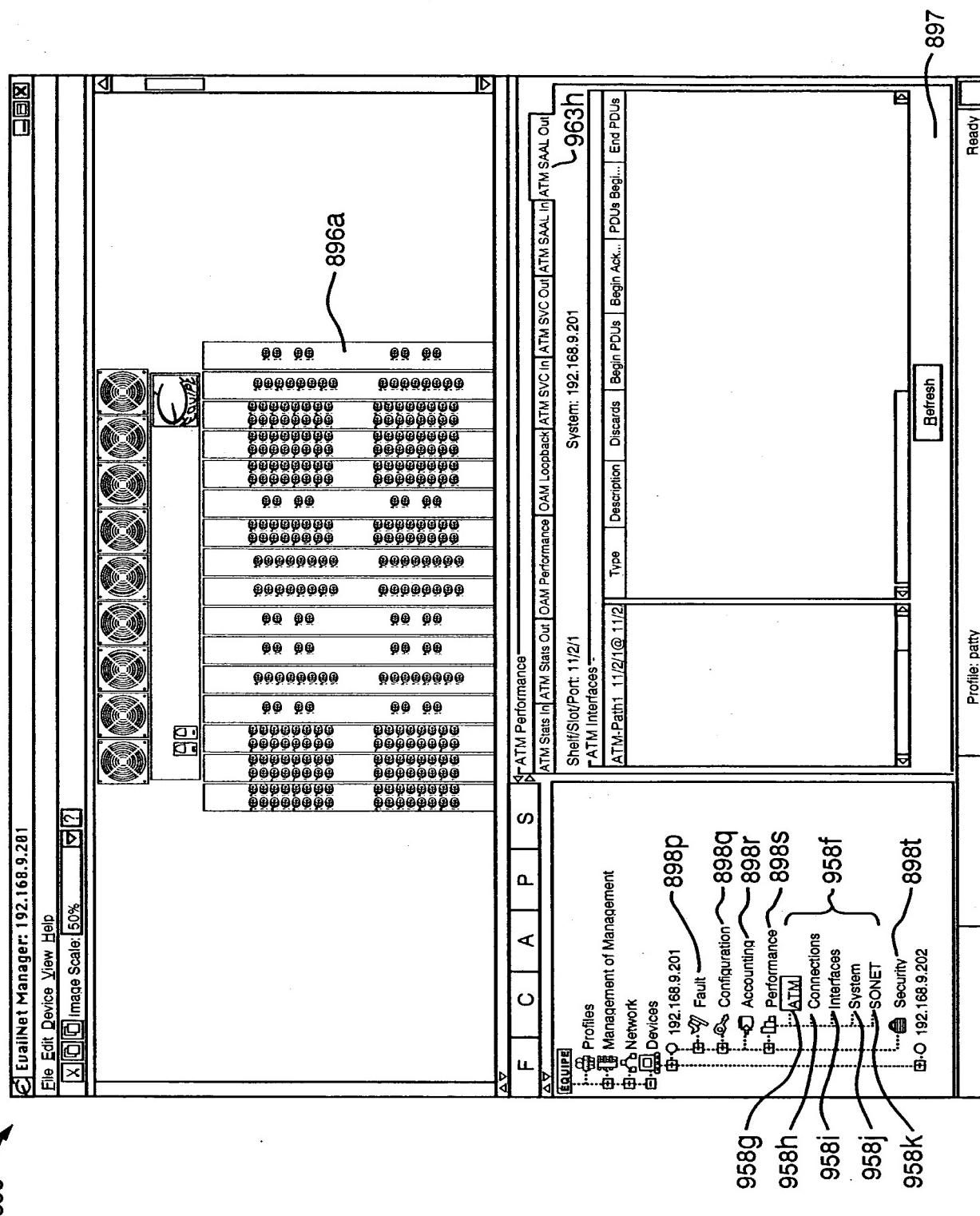


FIG. 7V

102689-85

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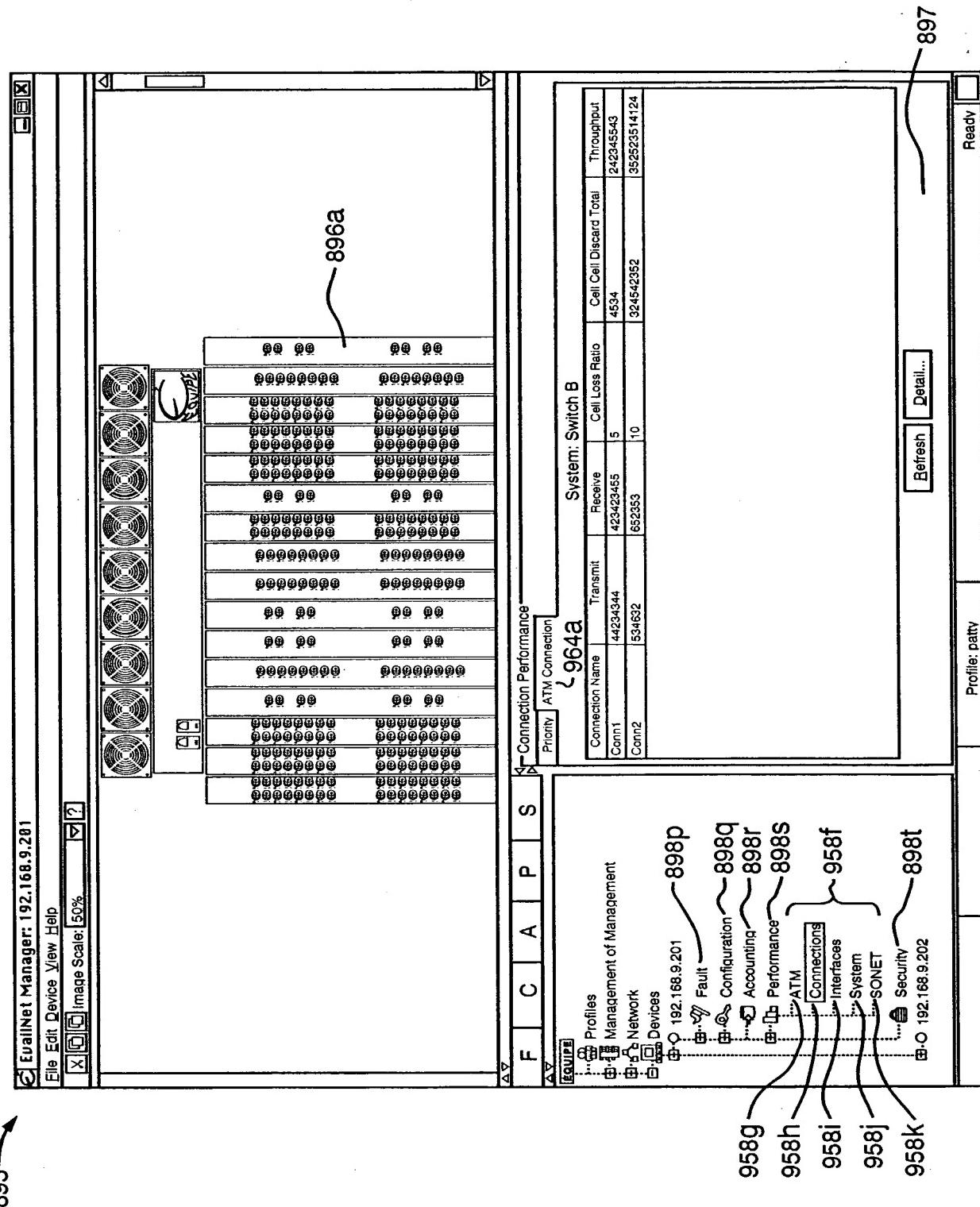


FIG. 7W

102689-85

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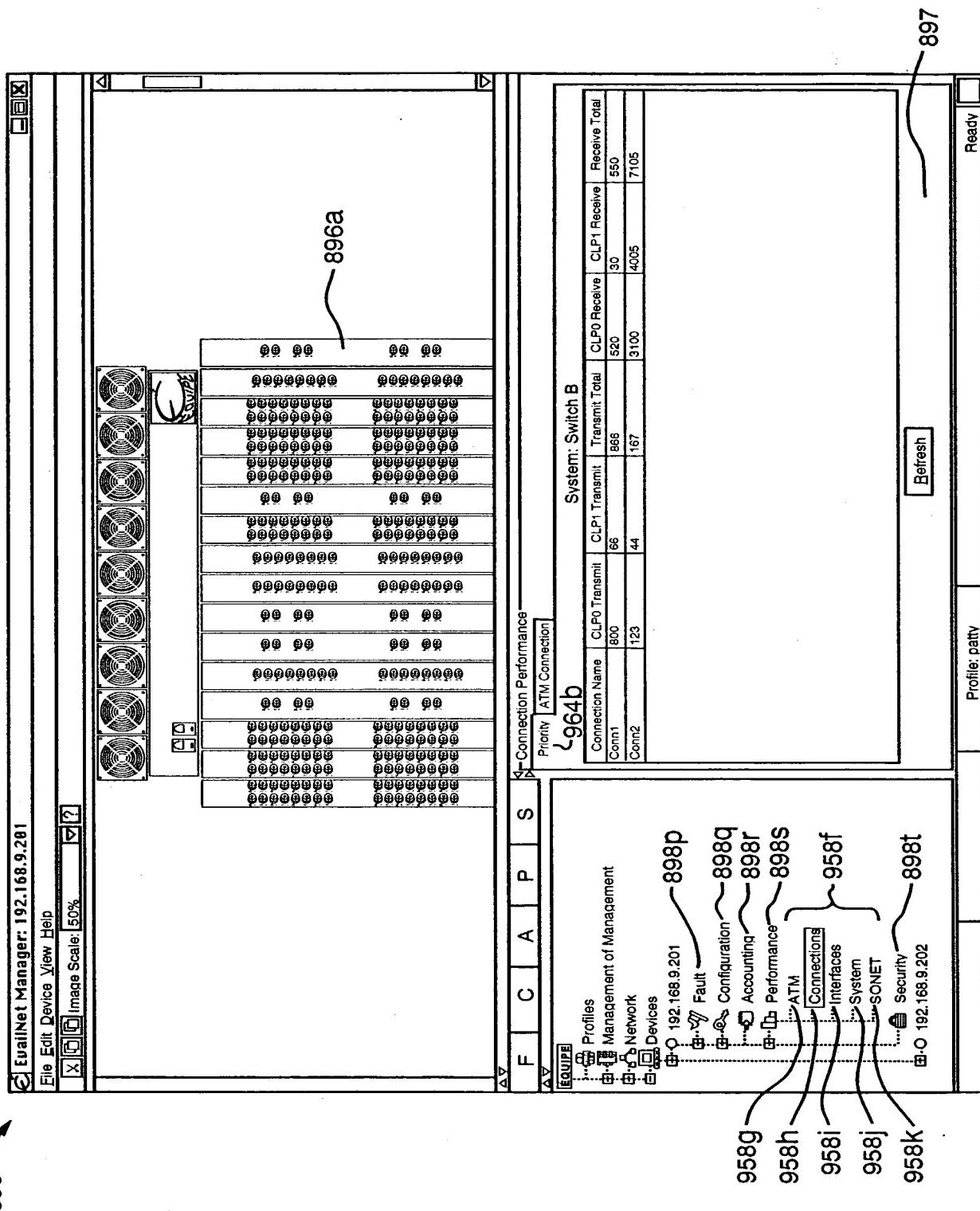


FIG. 7X

102689-85

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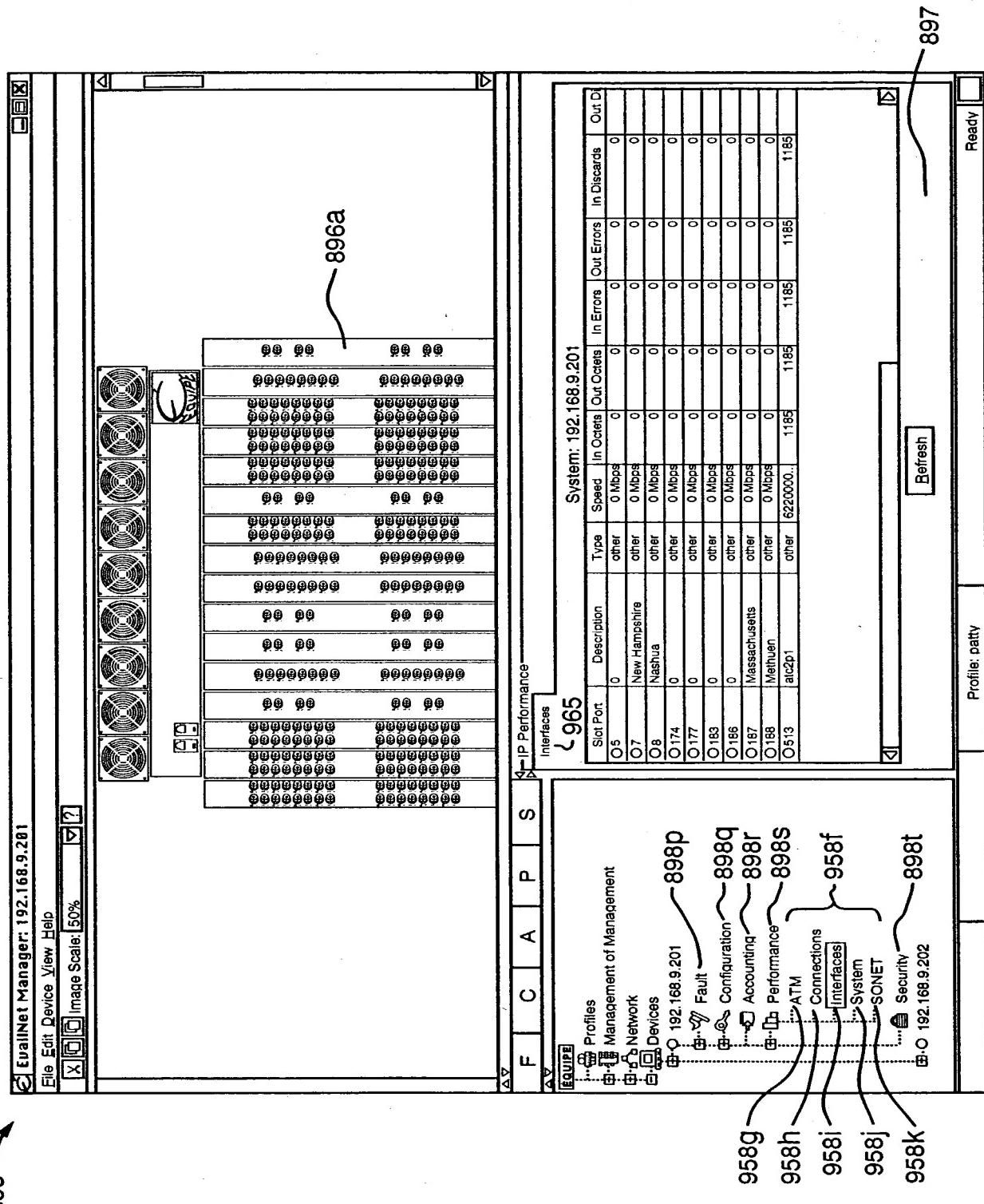


FIG. 7Y

102689-85

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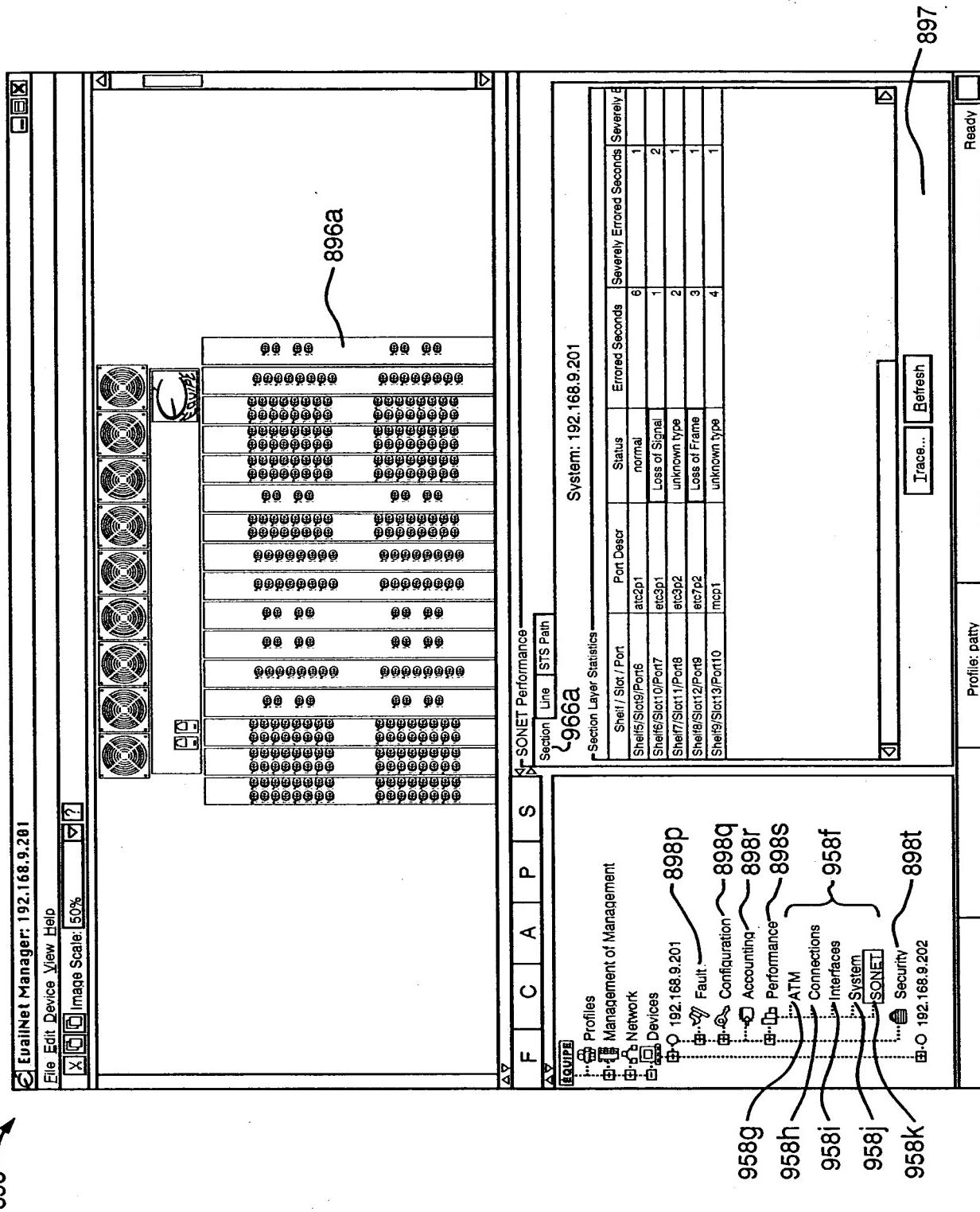


FIG. 8A

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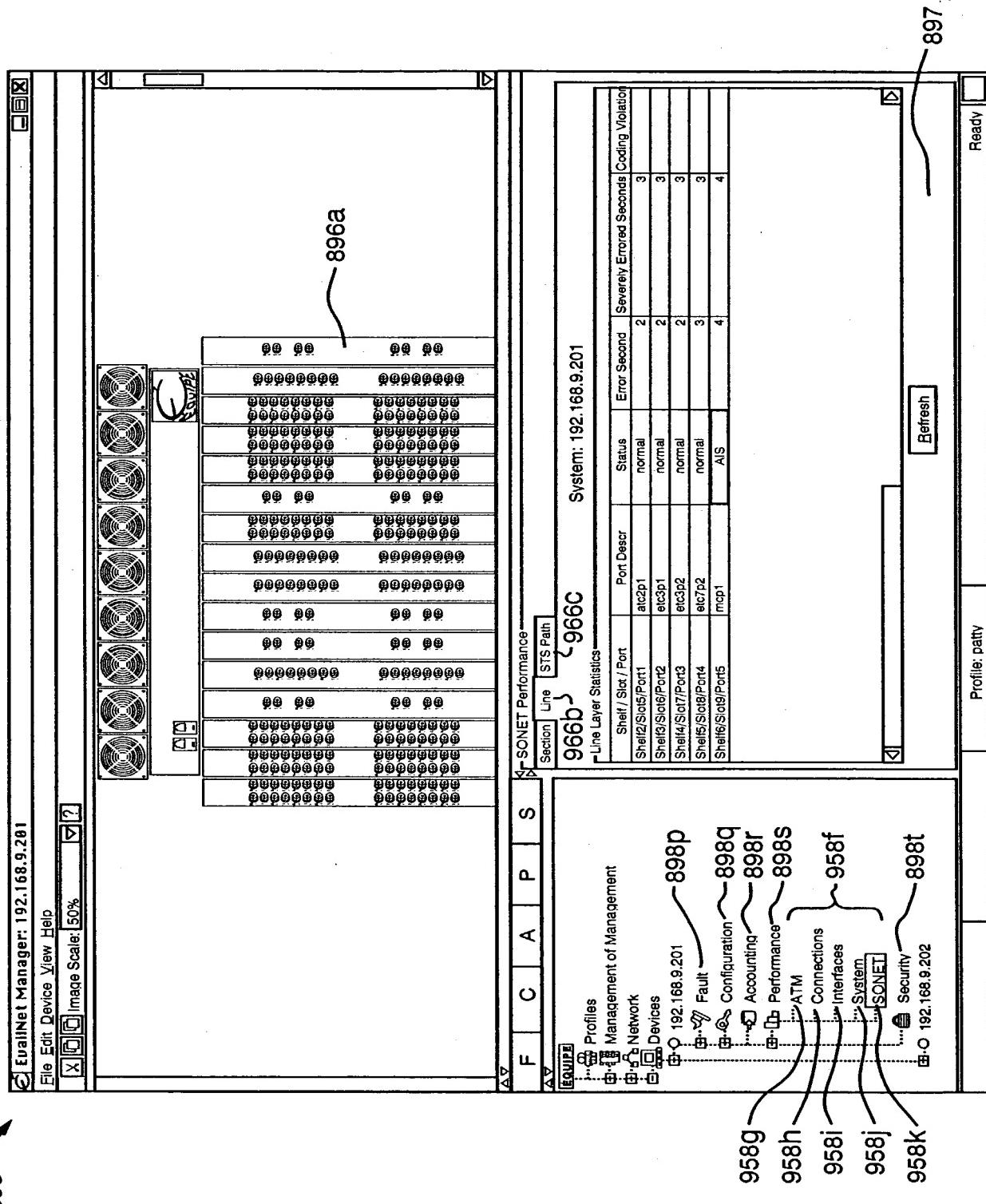


FIG. 8B

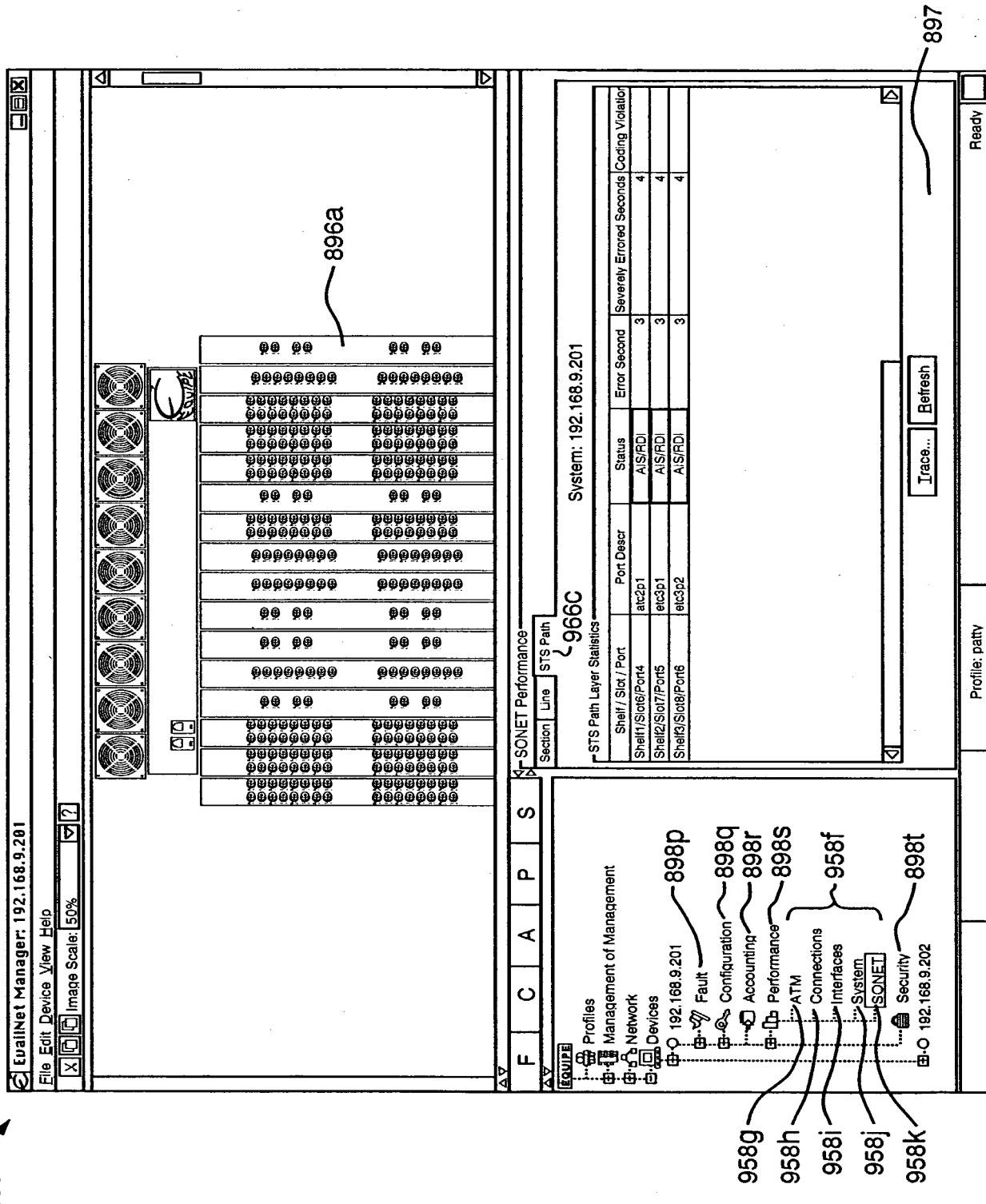


FIG. 8C

102689-85

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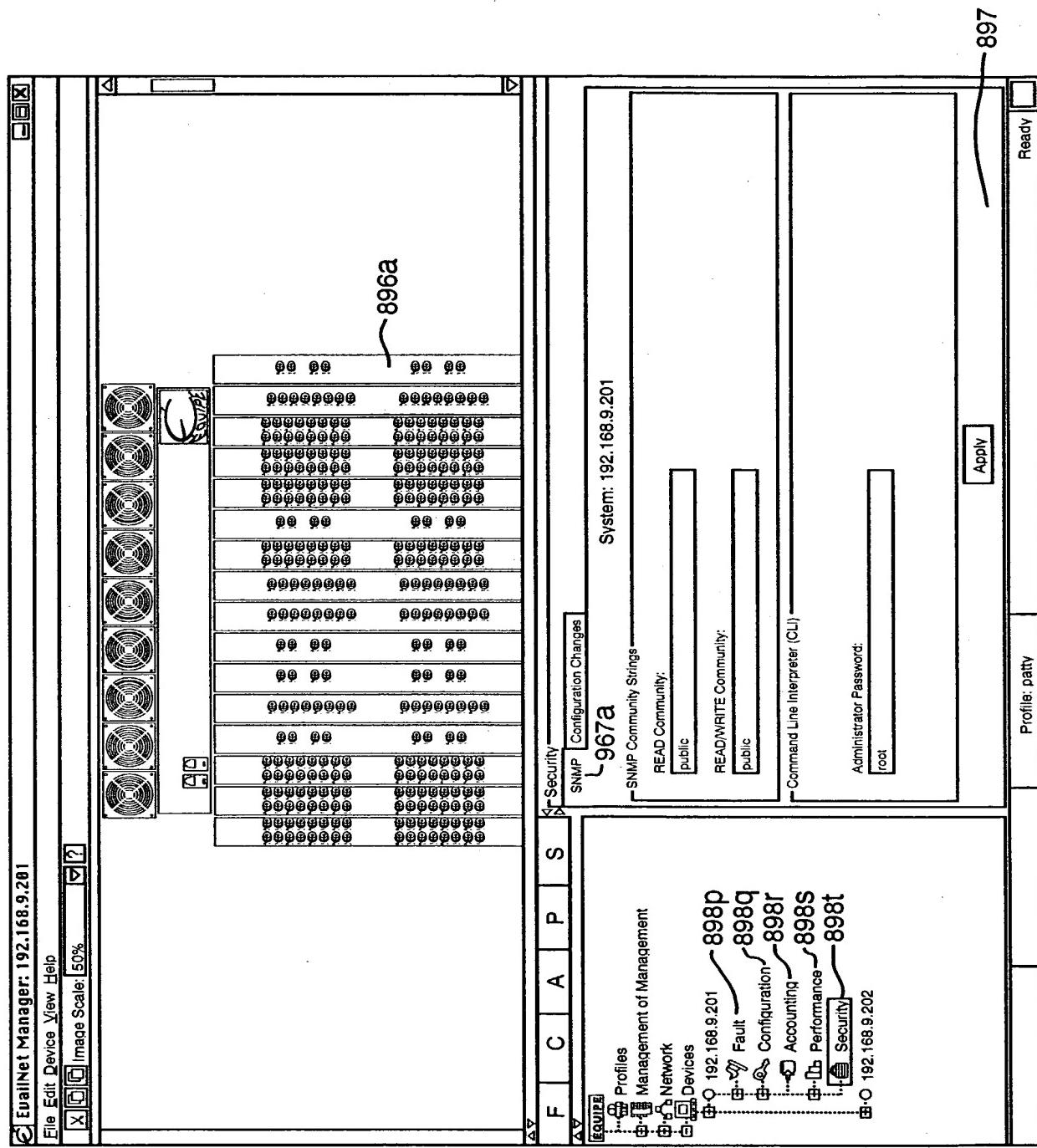


FIG. 8D

102689-85

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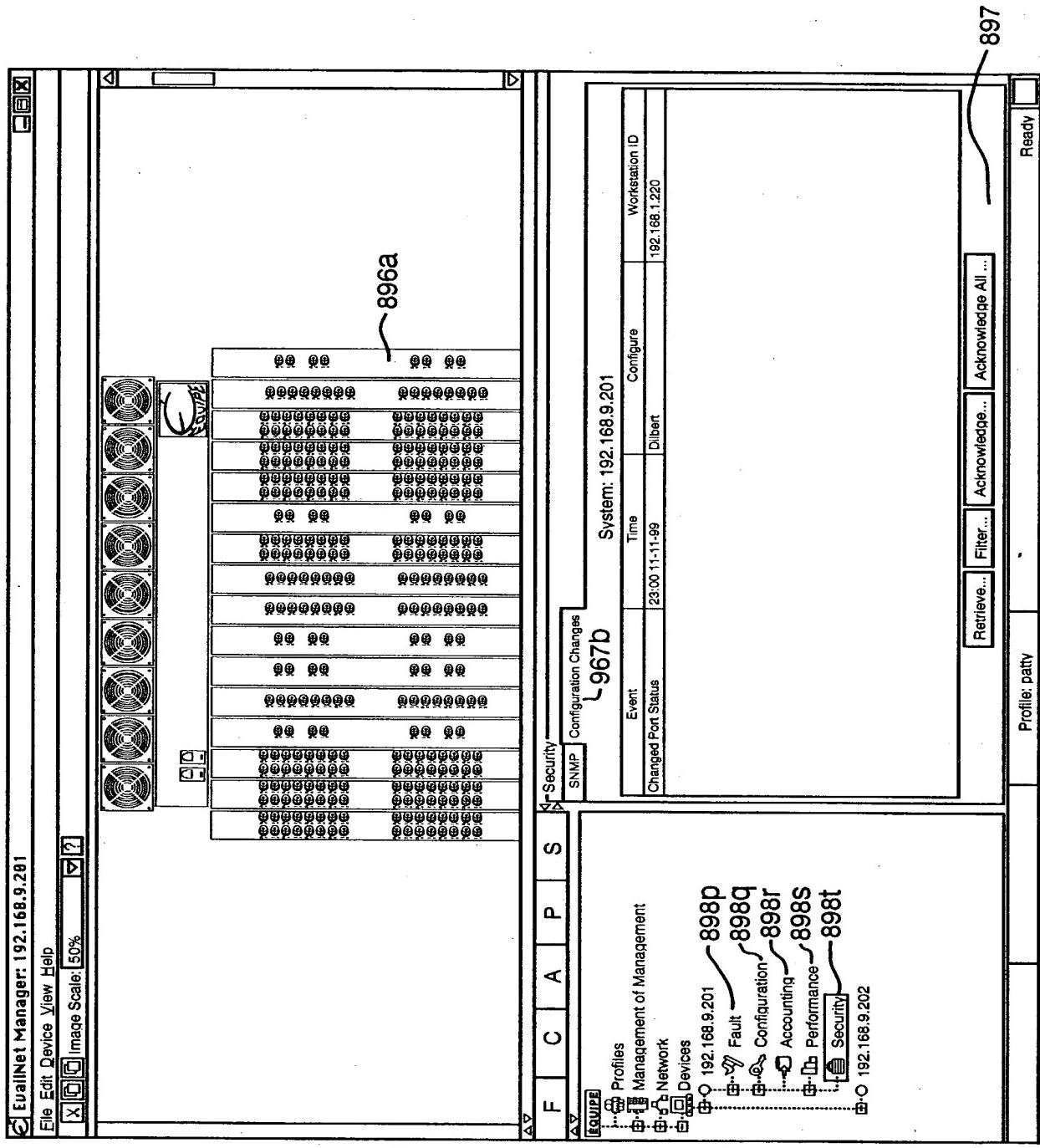
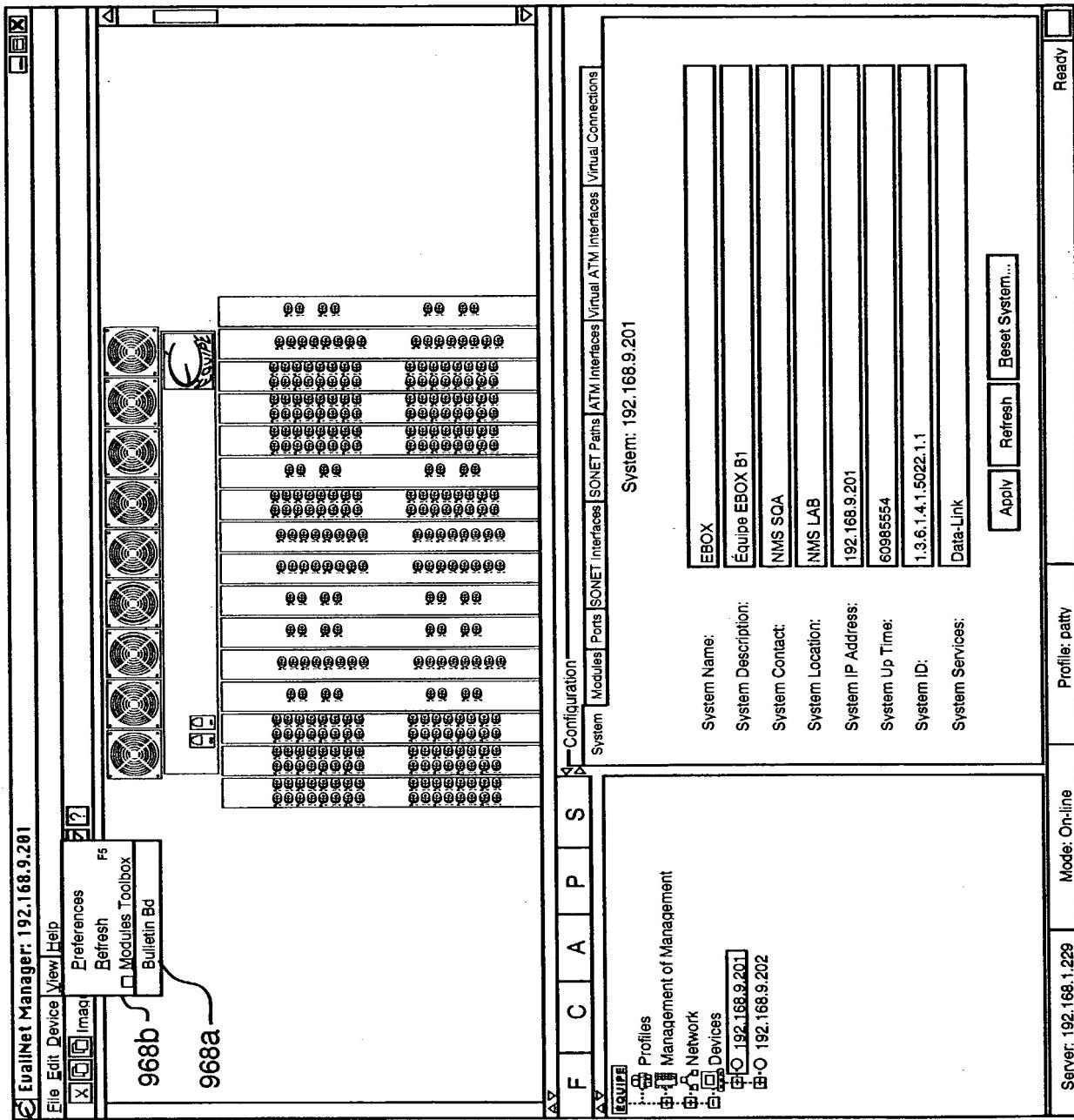


FIG. 8E

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FIG. 9A

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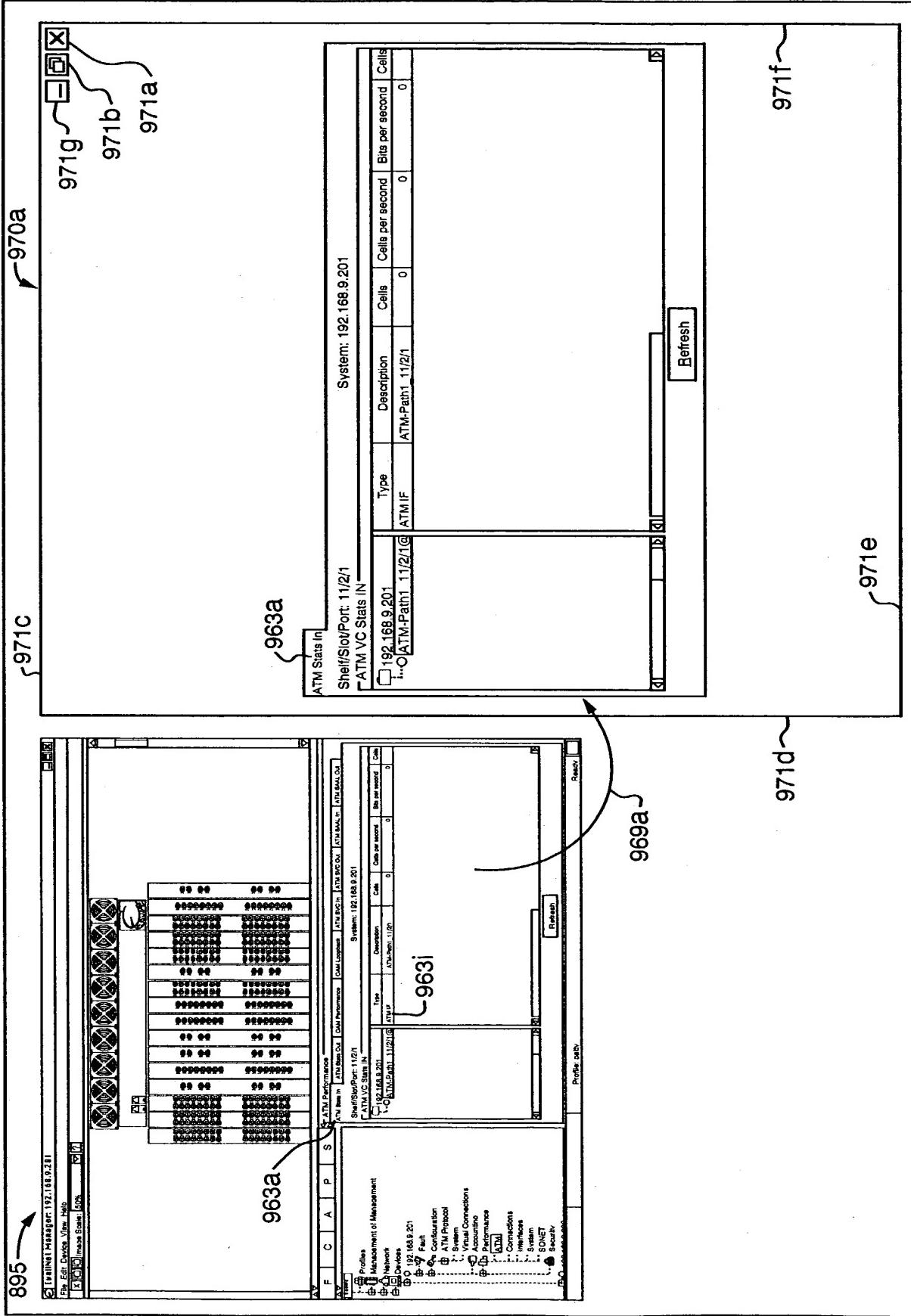


FIG. 9B

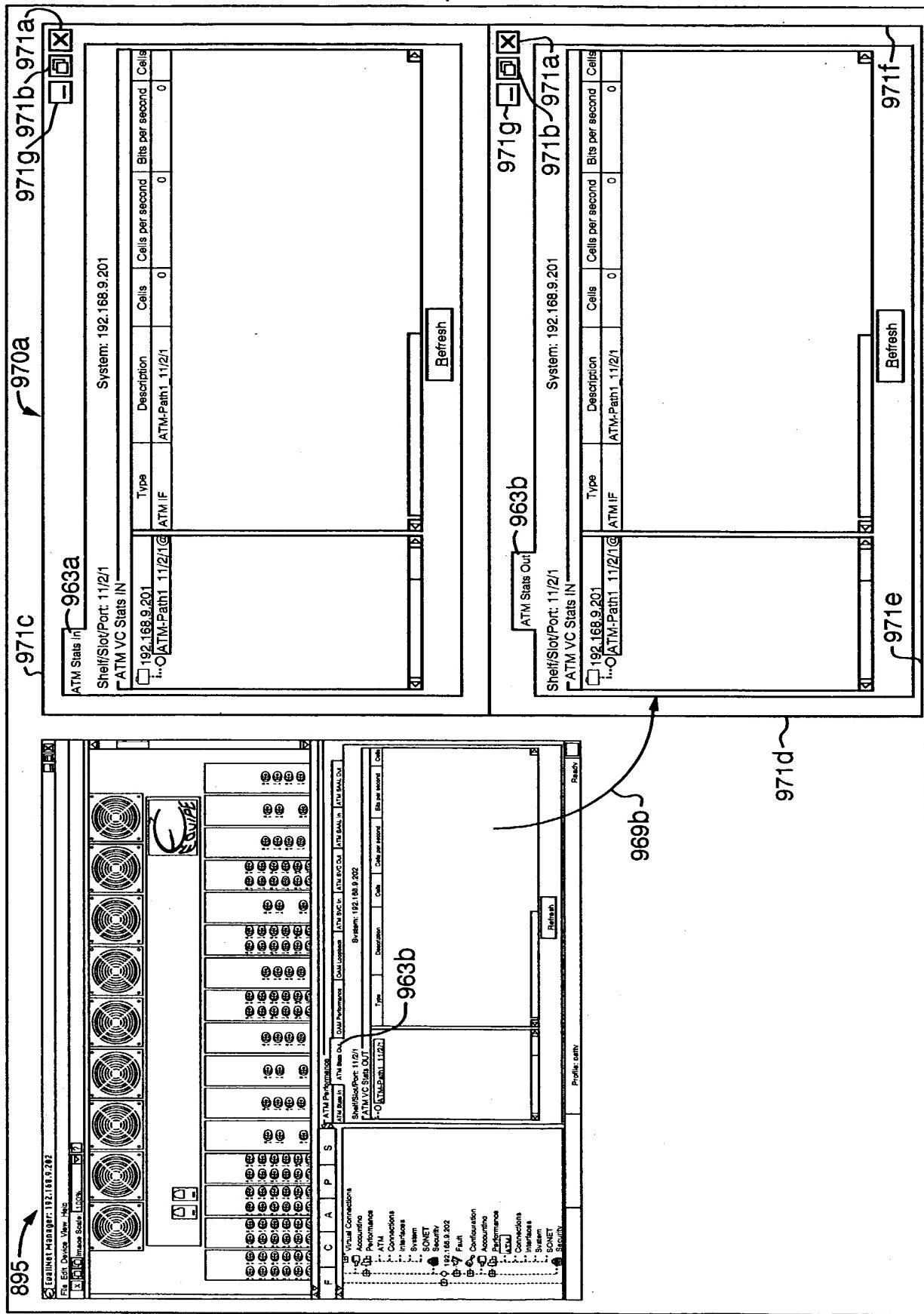


FIG. 9C

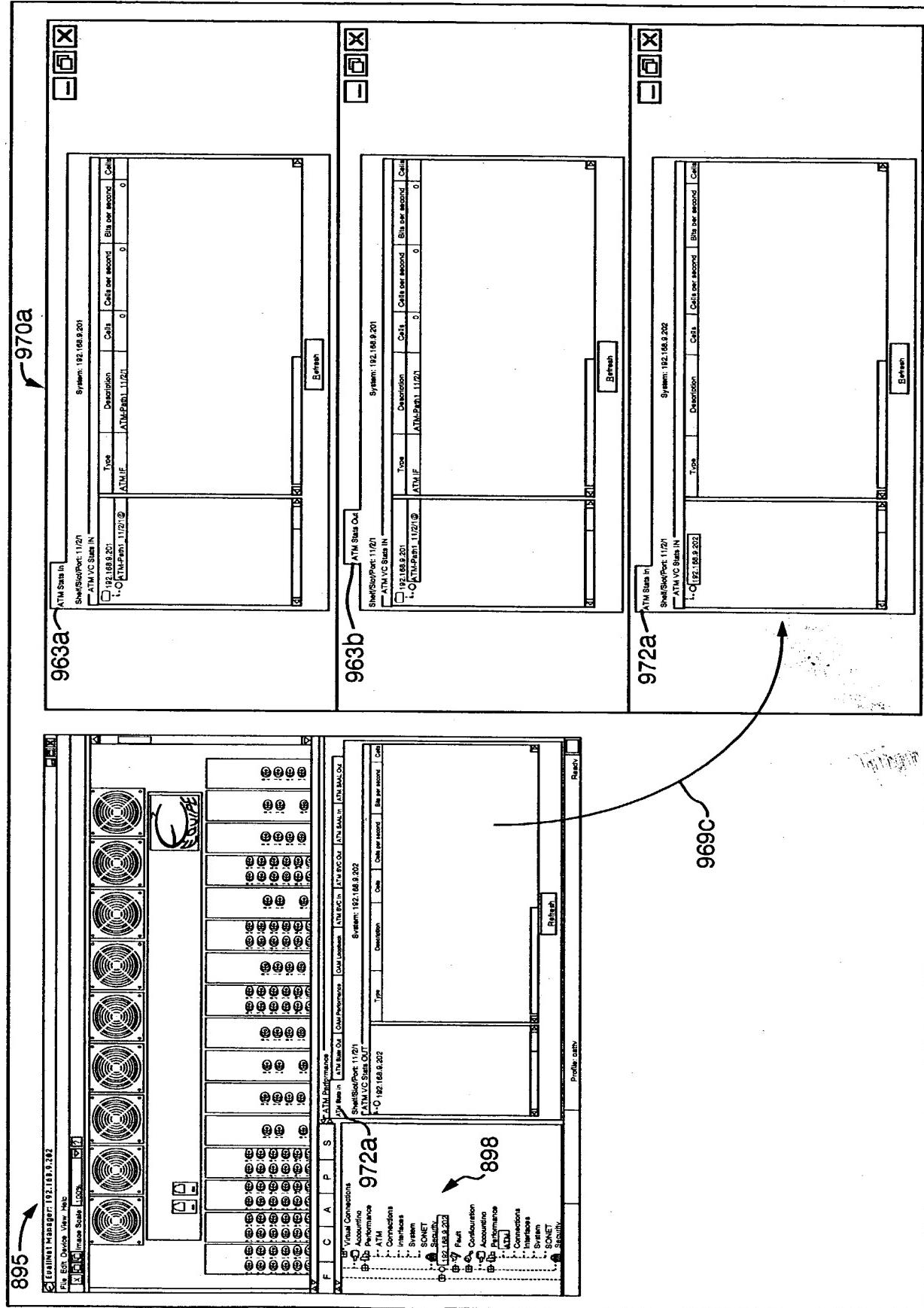


FIG. 9D

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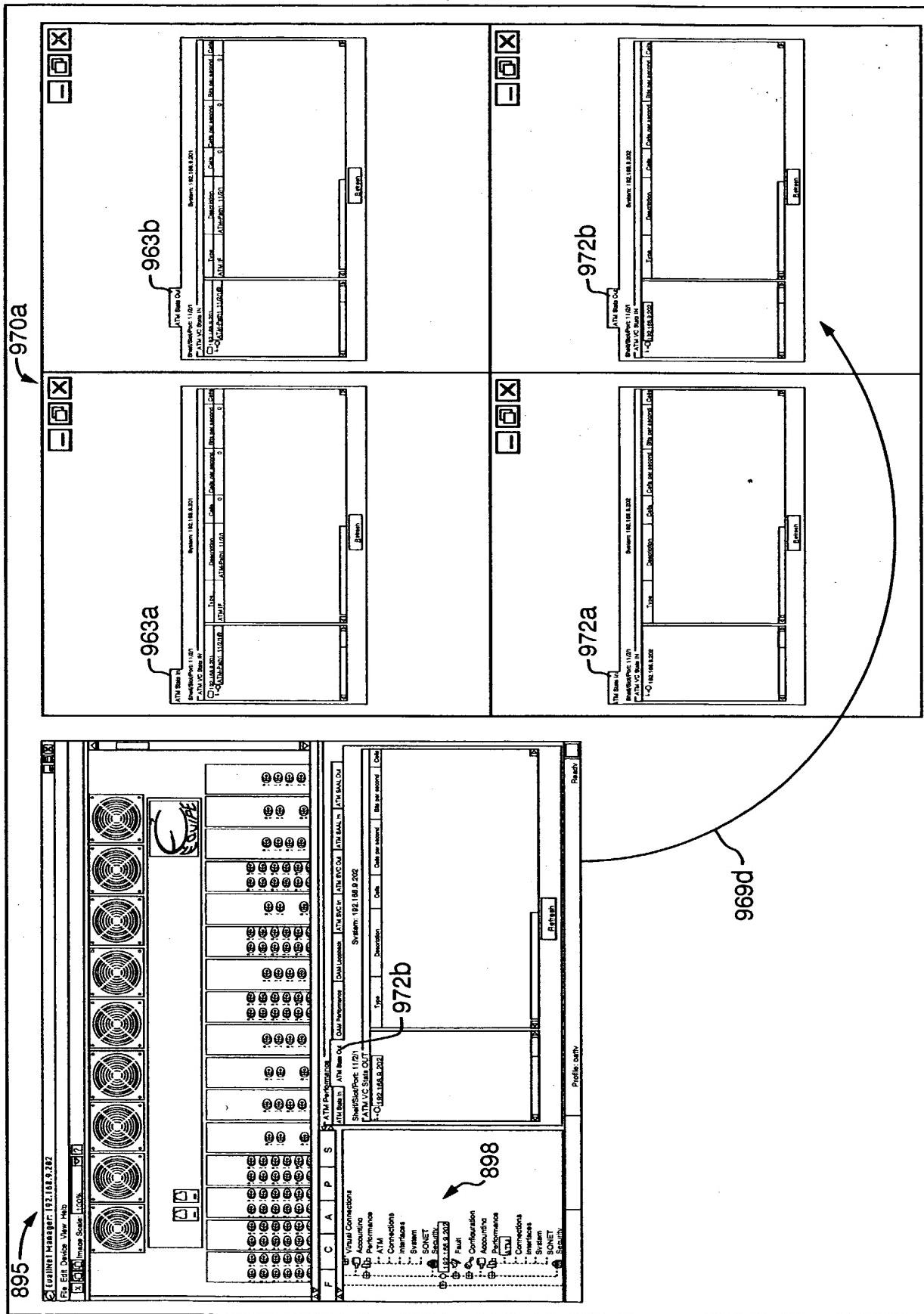


FIG. 9E

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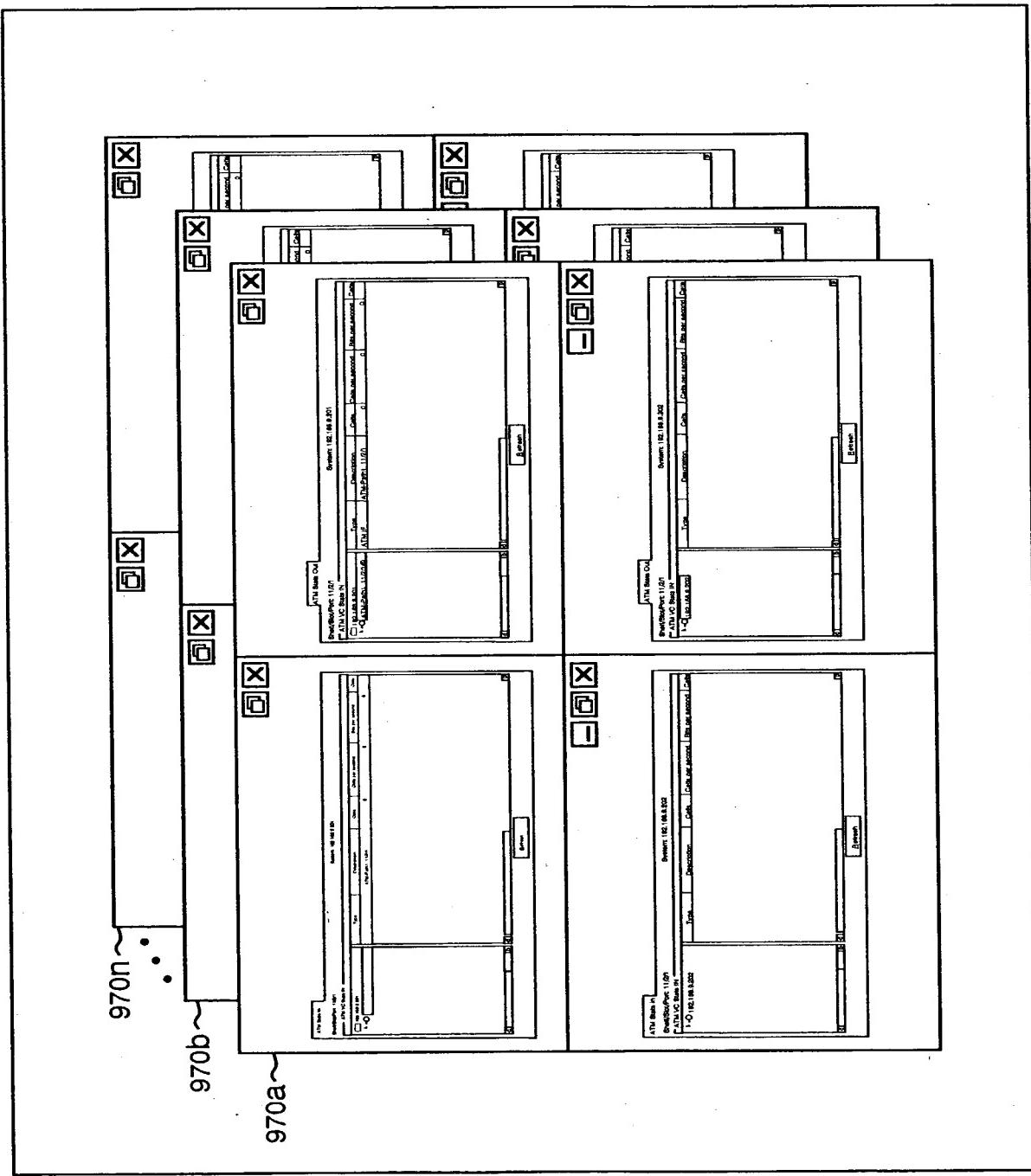


FIG. 9F

中華書局影印，1973年版。

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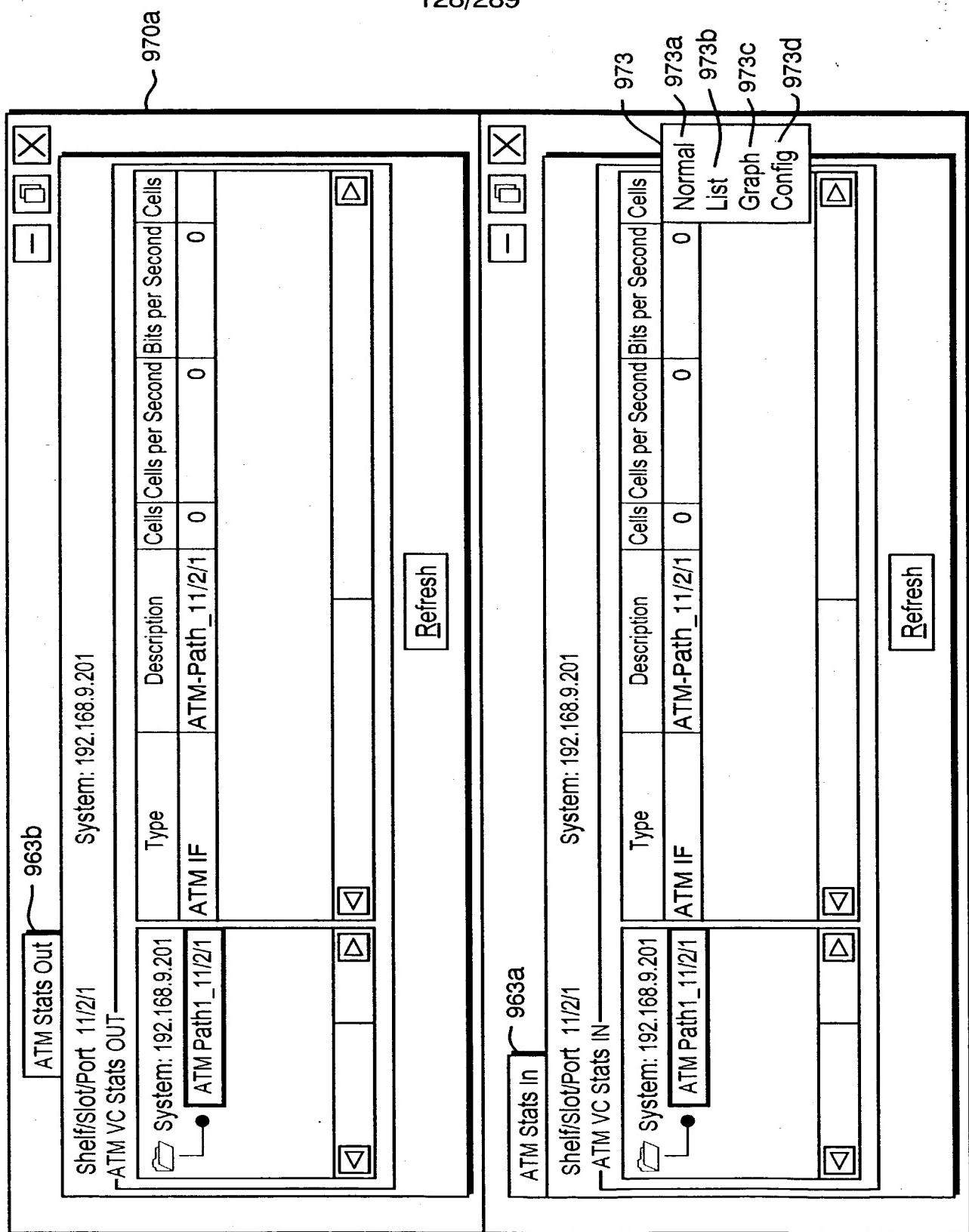


FIG. 9G

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970a

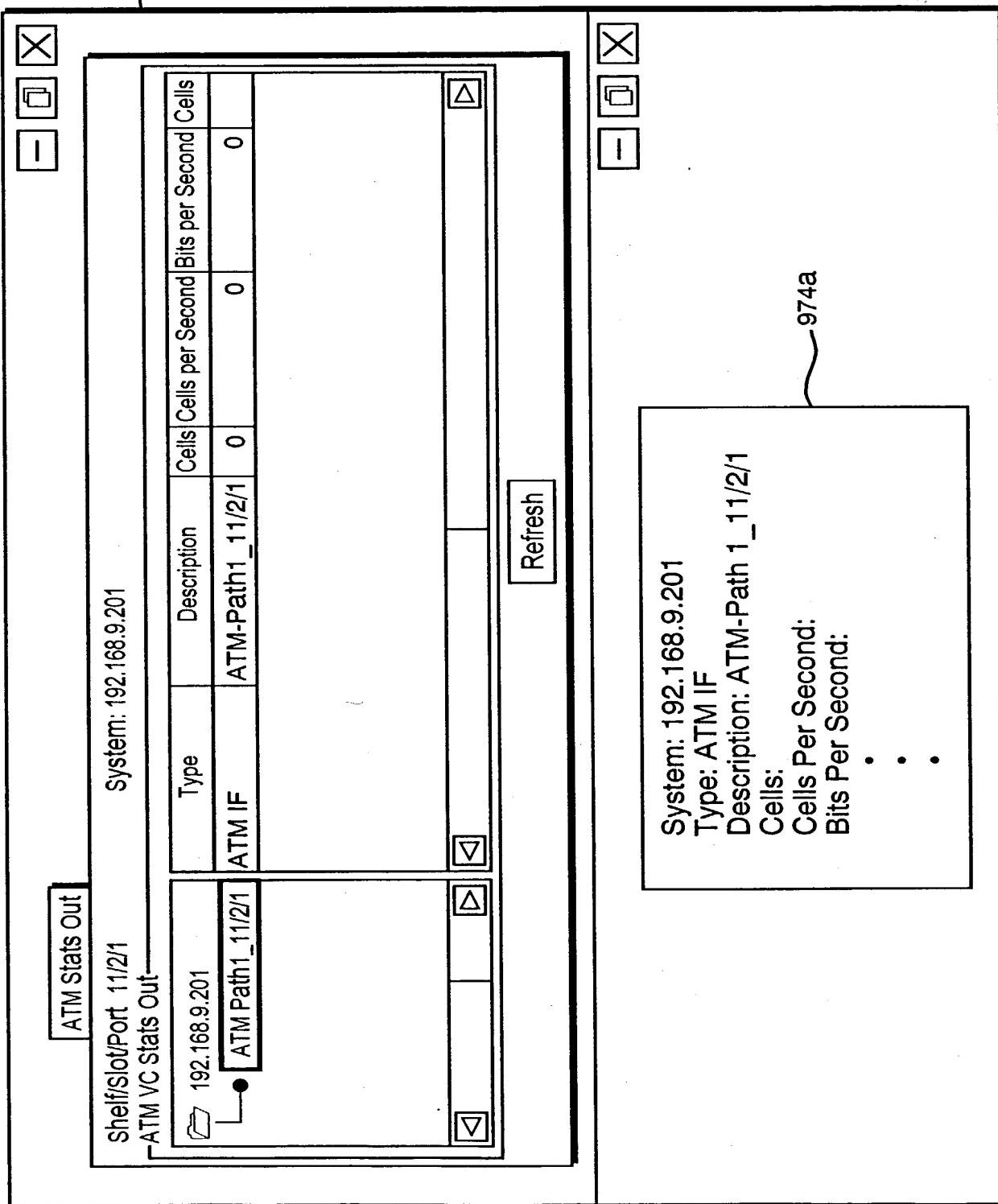
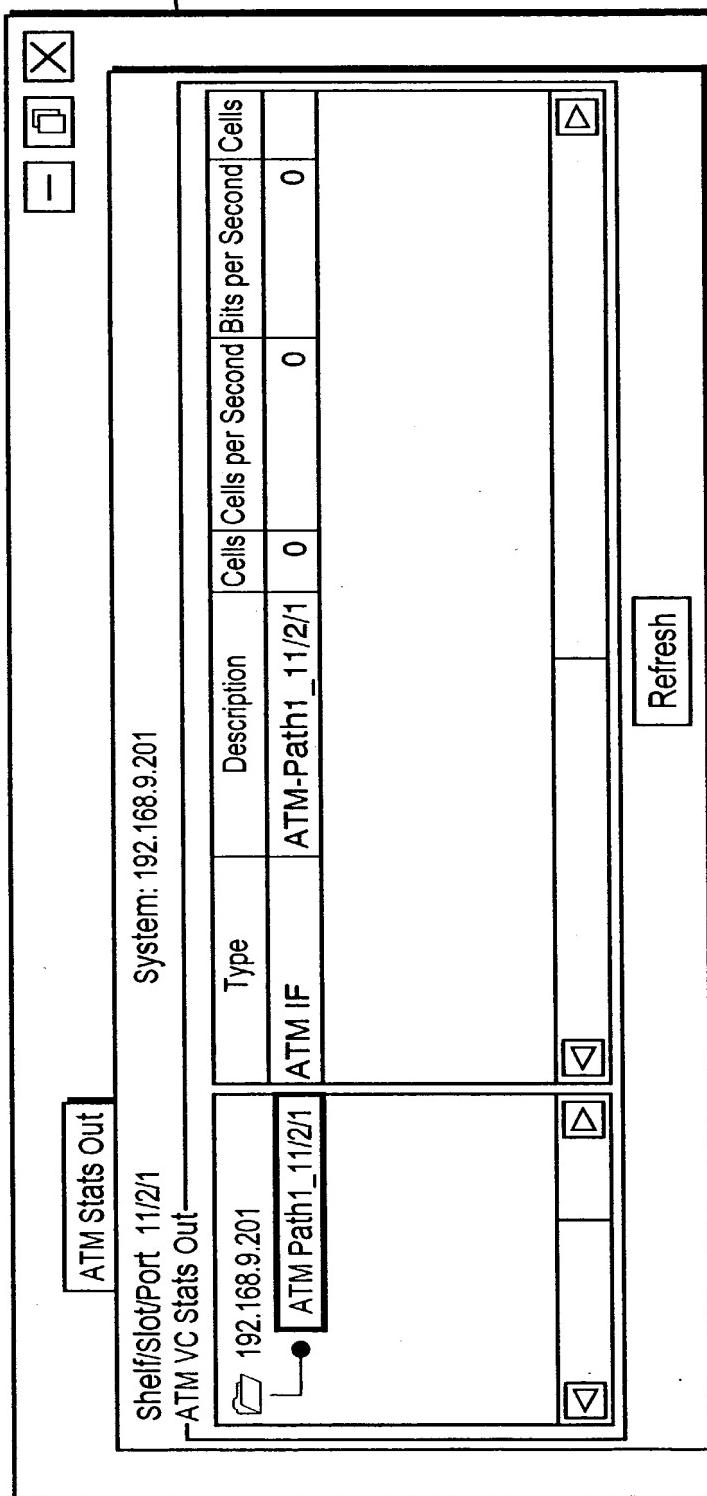


FIG. 9H

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970a



Cells Per Second

974b

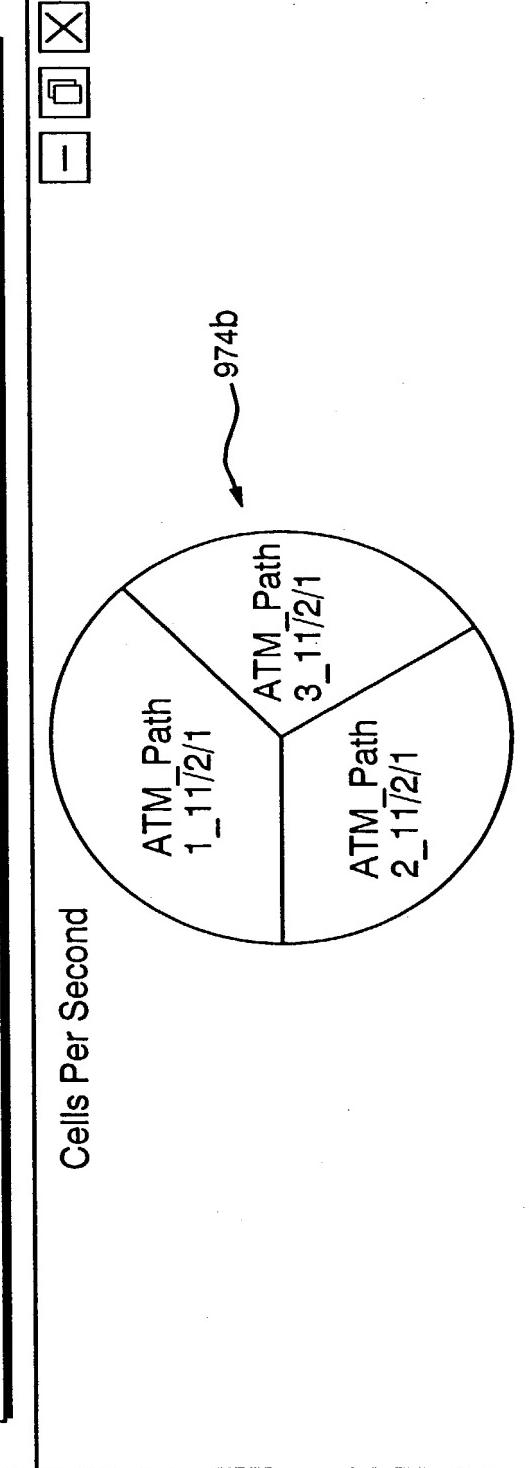


FIG. 9

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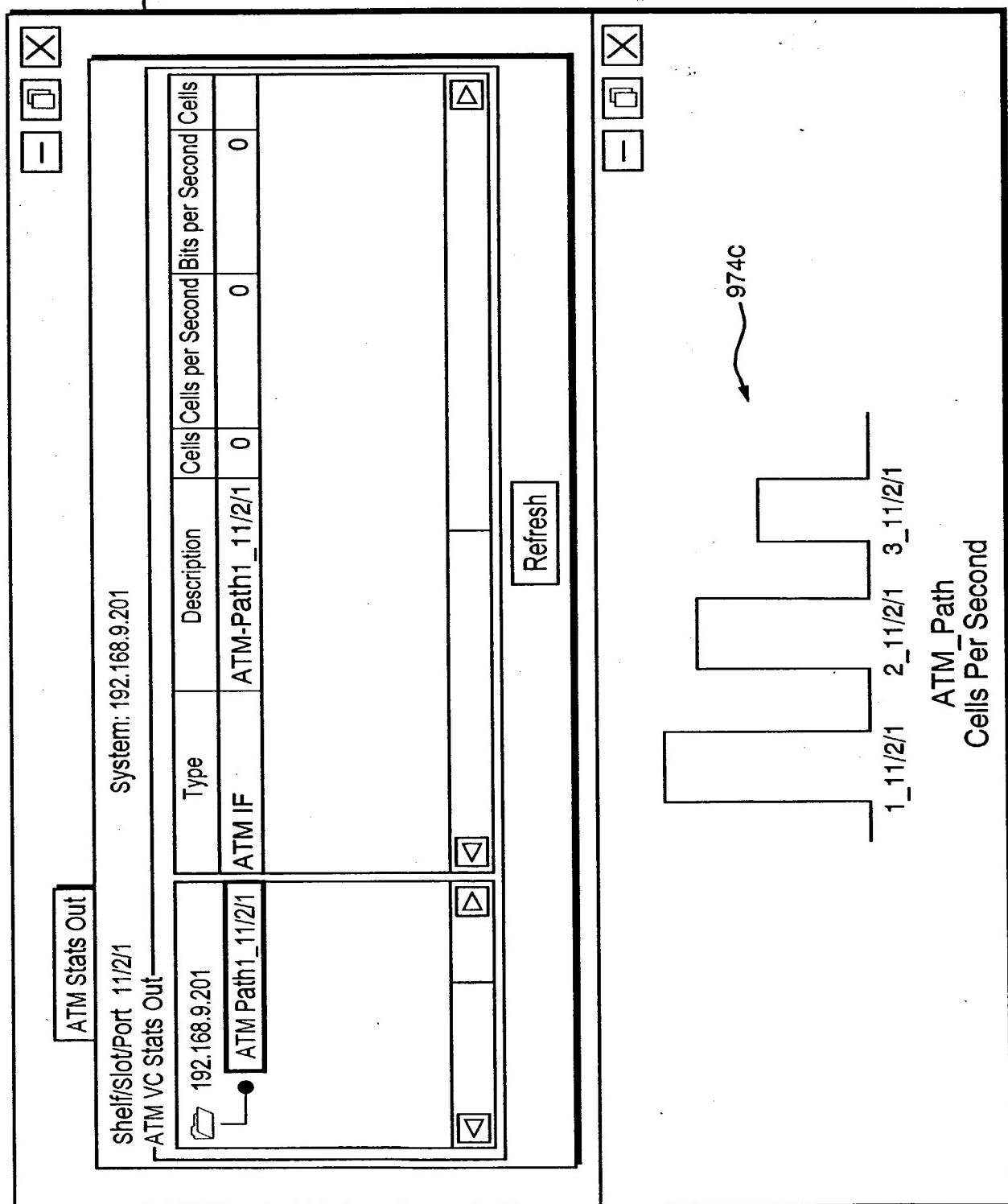


FIG. 9J

102689-85

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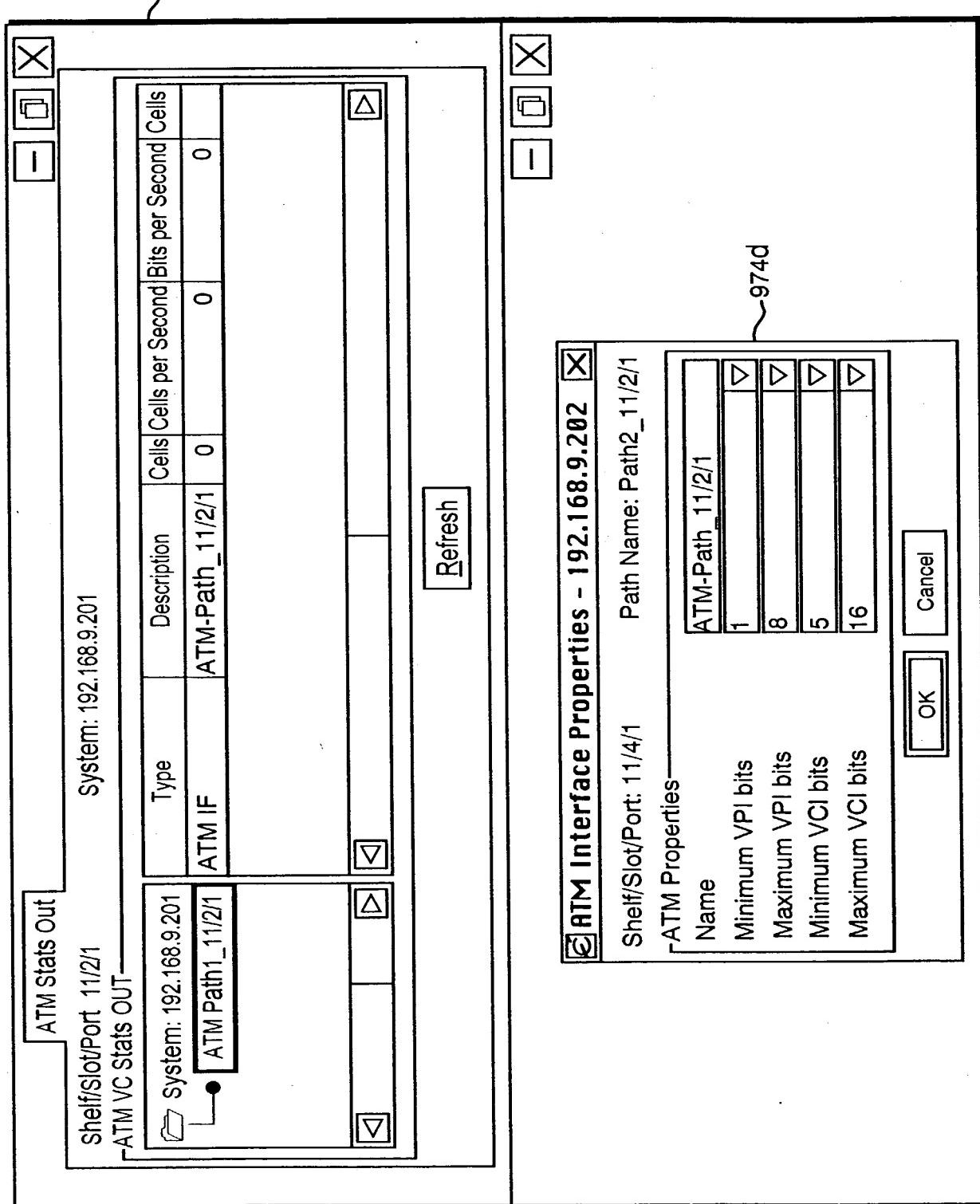


FIG. 9K

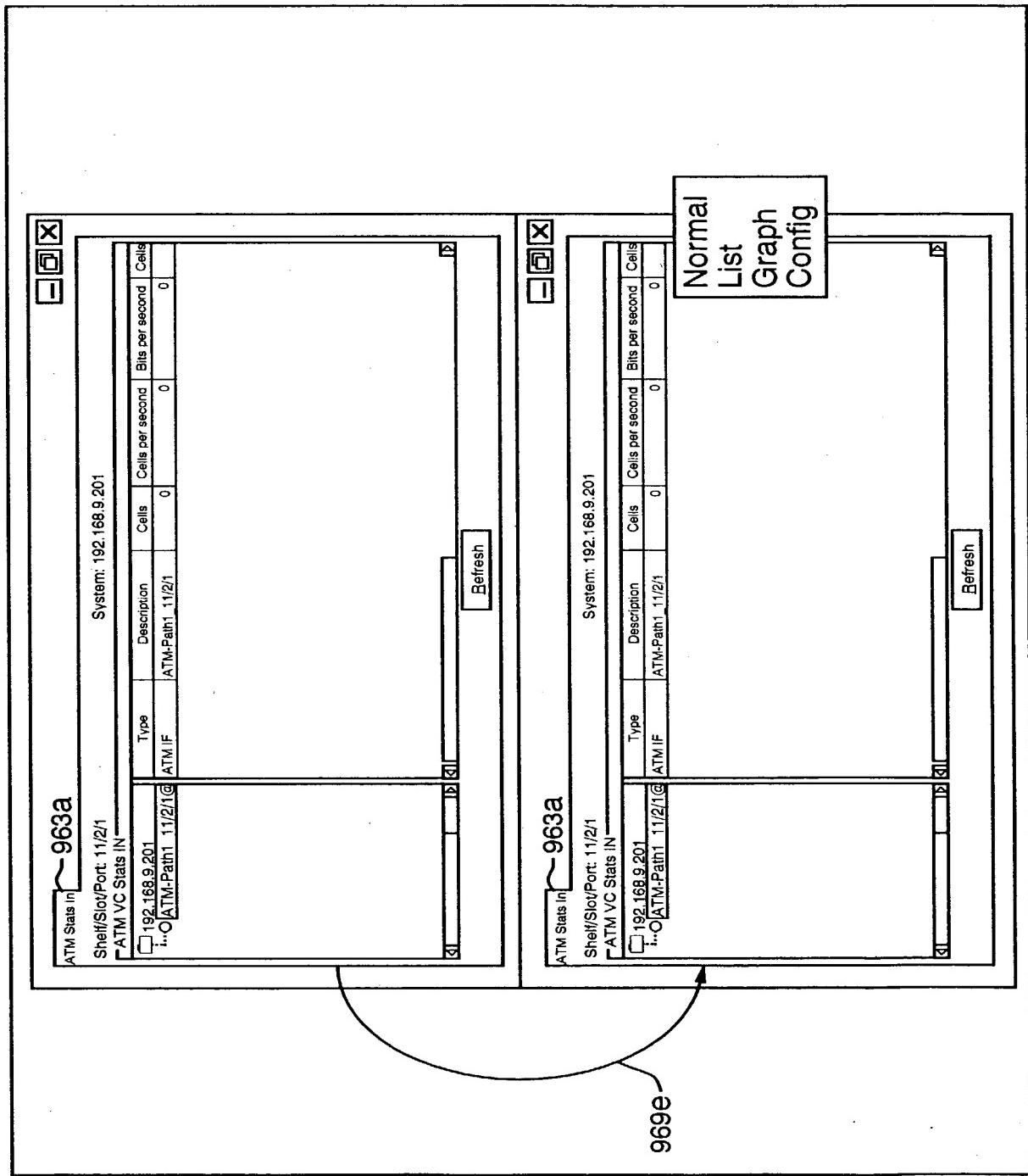


FIG. 9L

102689-85

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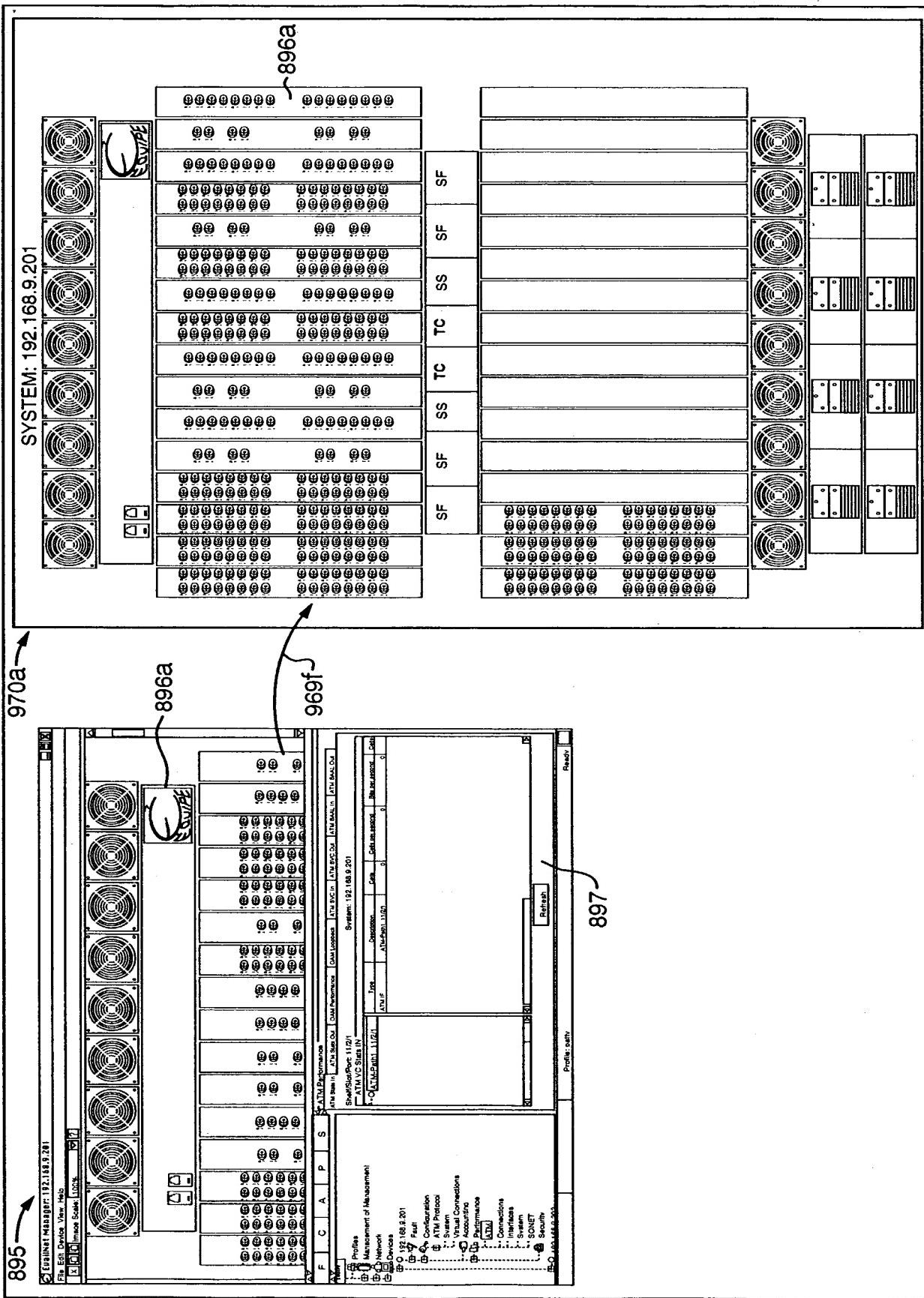


FIG. 9M

102689-85

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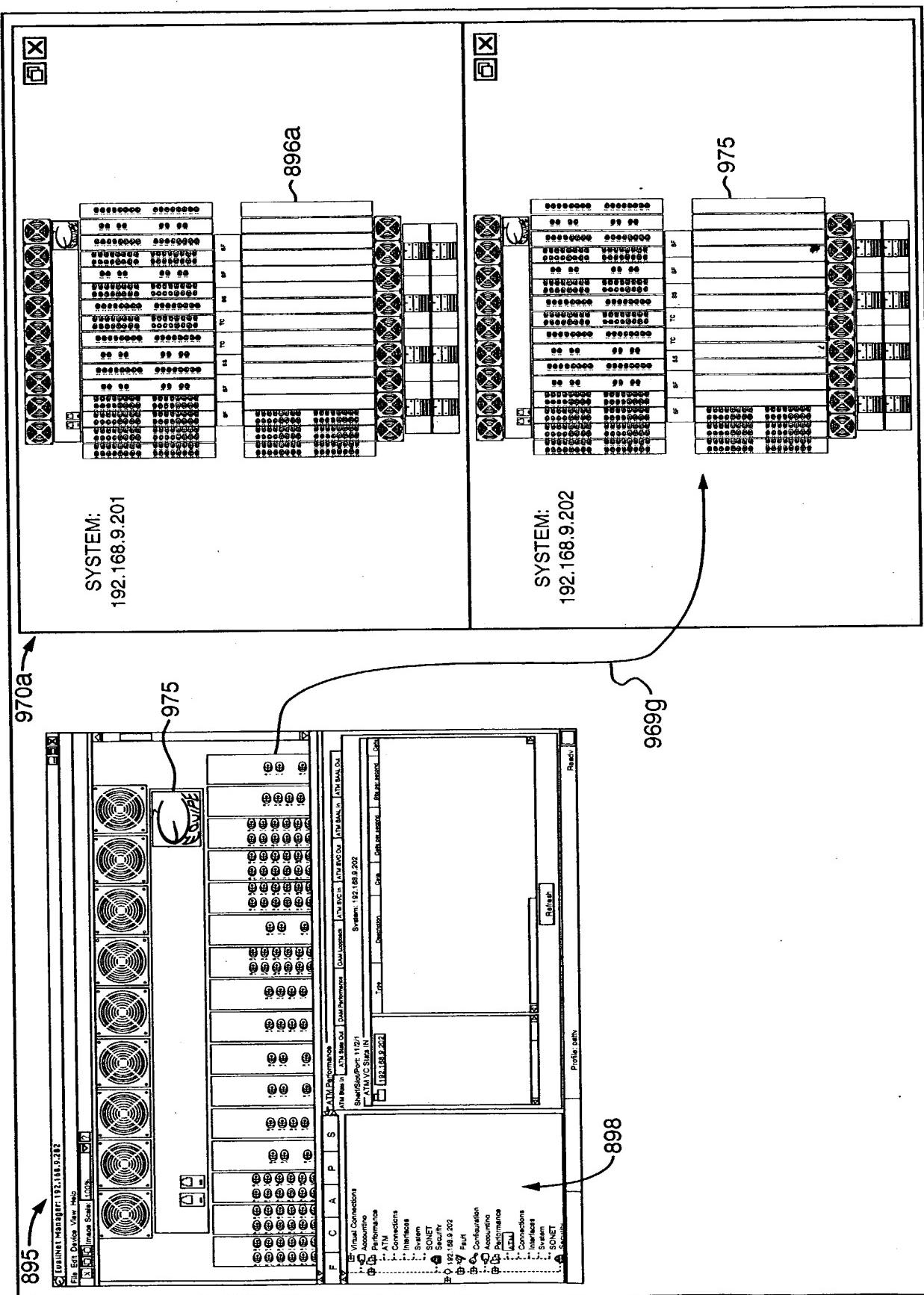


FIG. 9N

102689-85

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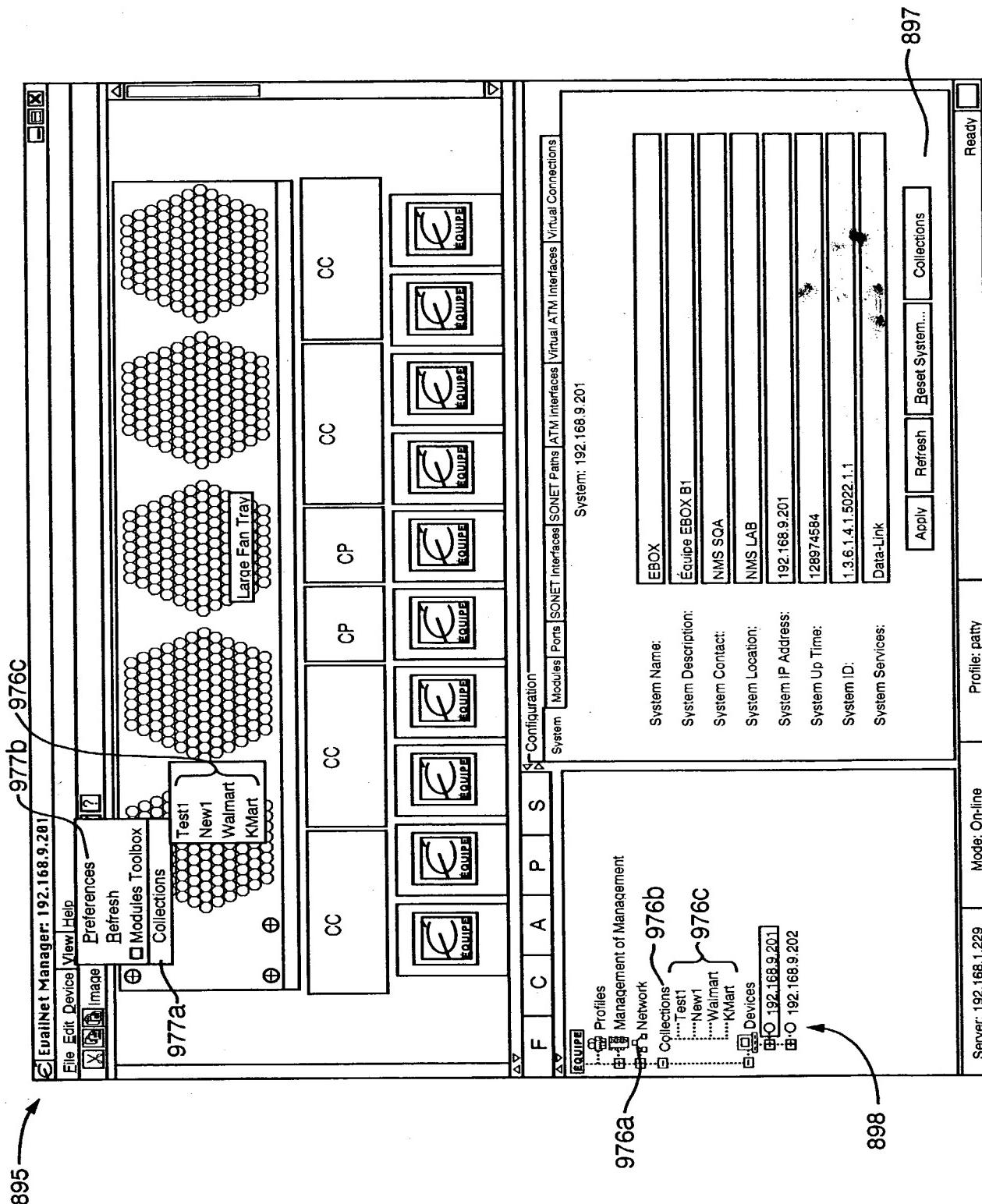


FIG. 10A

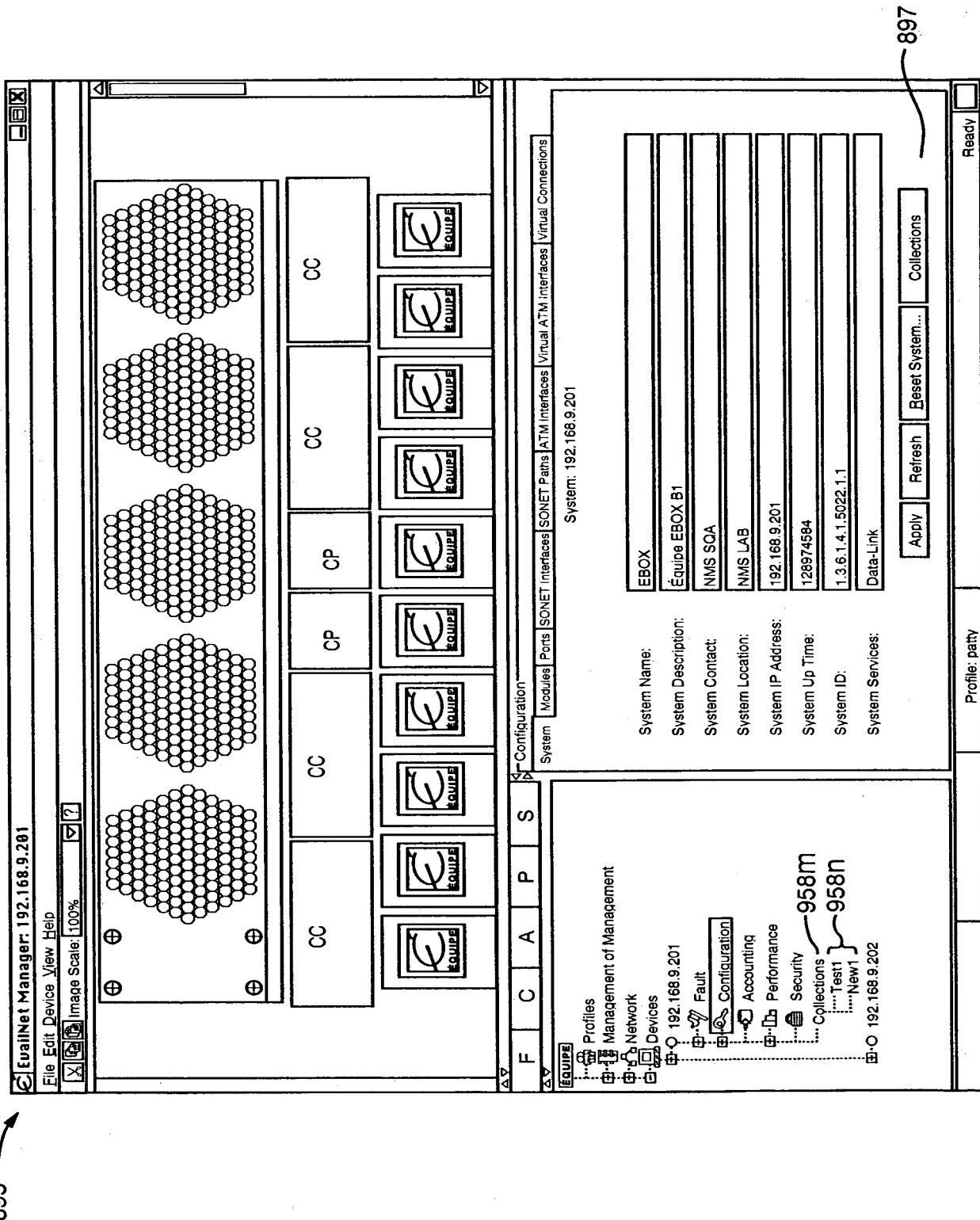


FIG. 10B

102689-85

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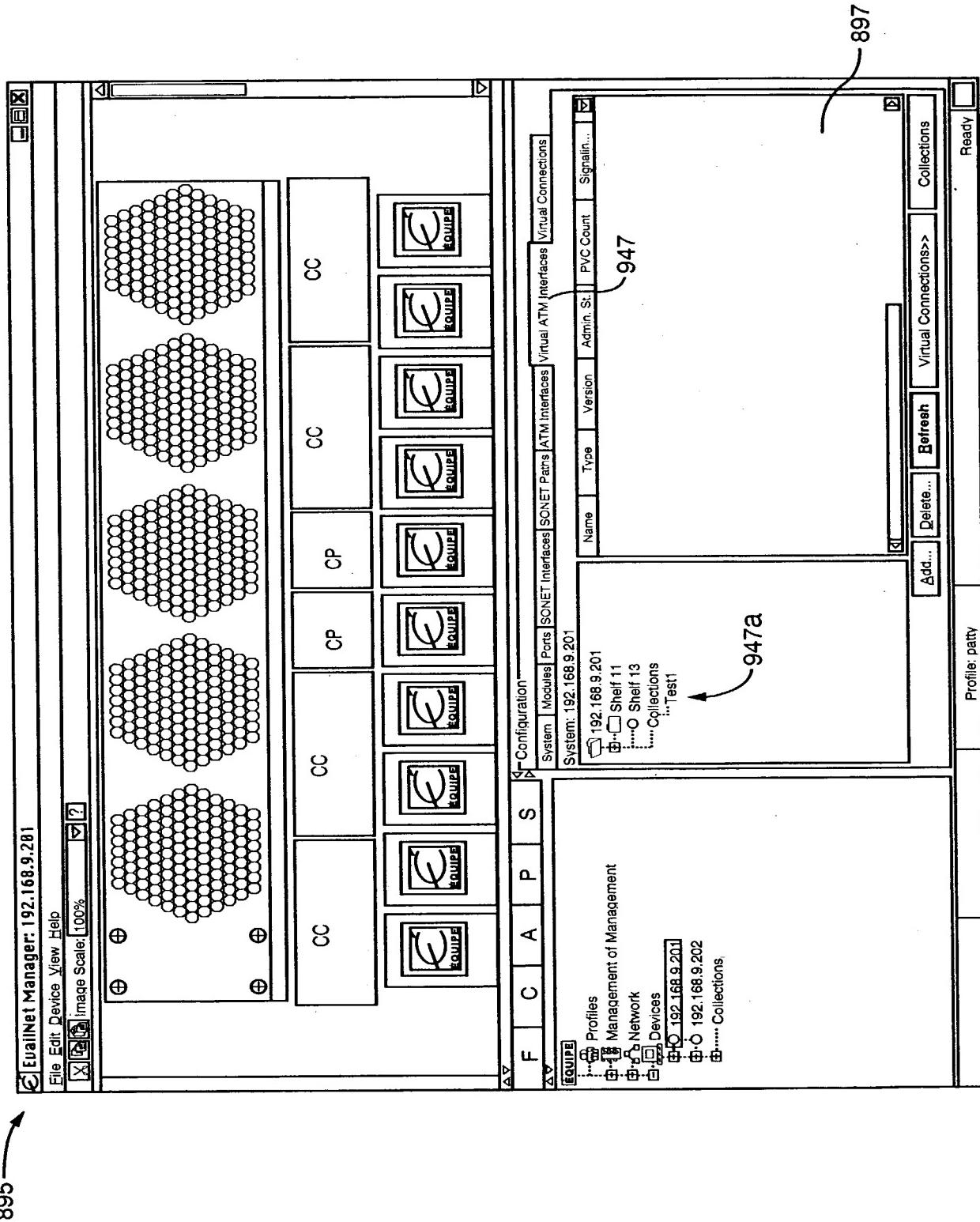
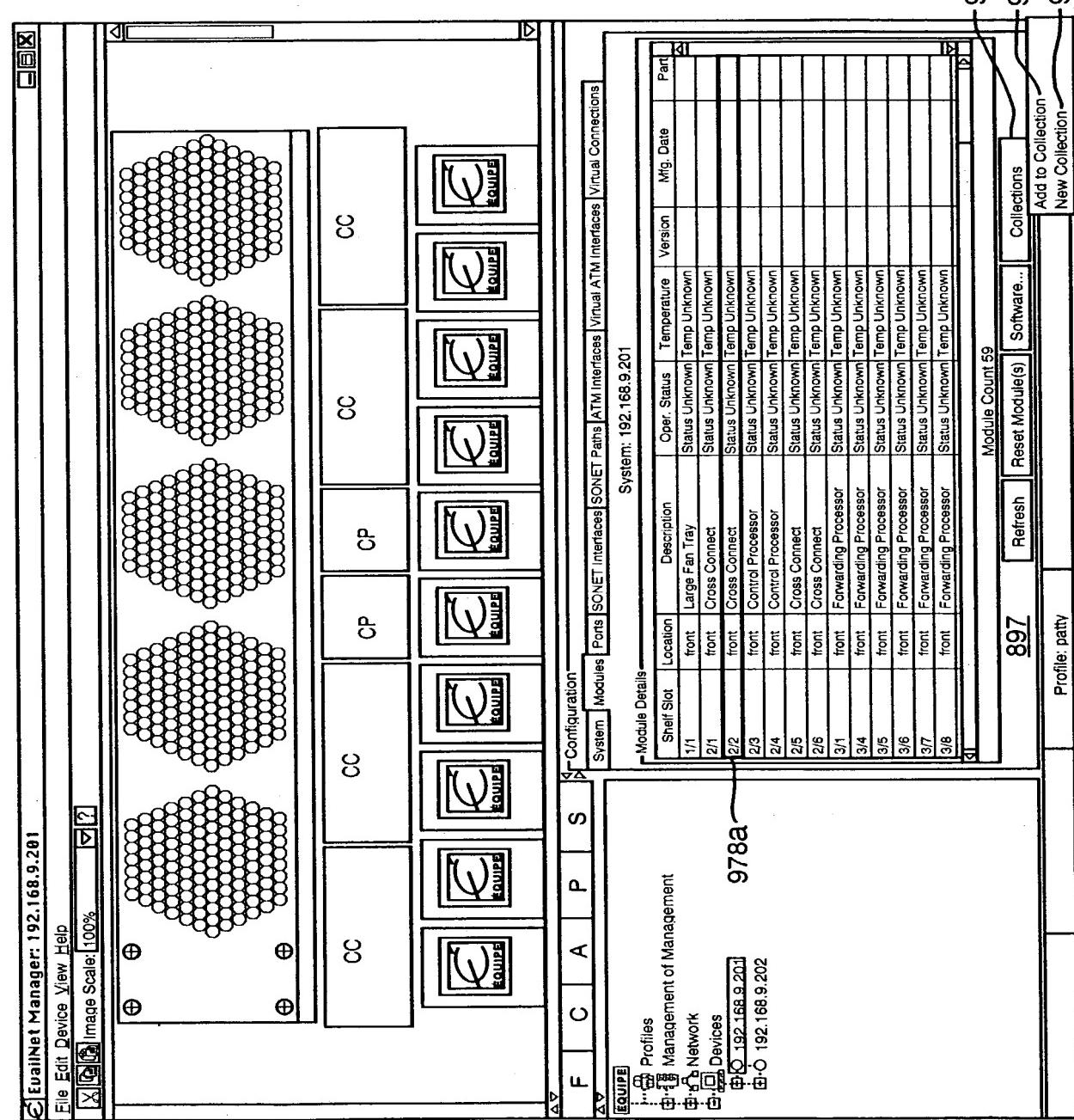


FIG. 10C



895

979d

Collection Name:

979e

FIG. 10E

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979f

Existing Collections:
Test1
New1
Walmart
KMart

979g

FIG. 10F

979a

979b

979c

FIG. 10D

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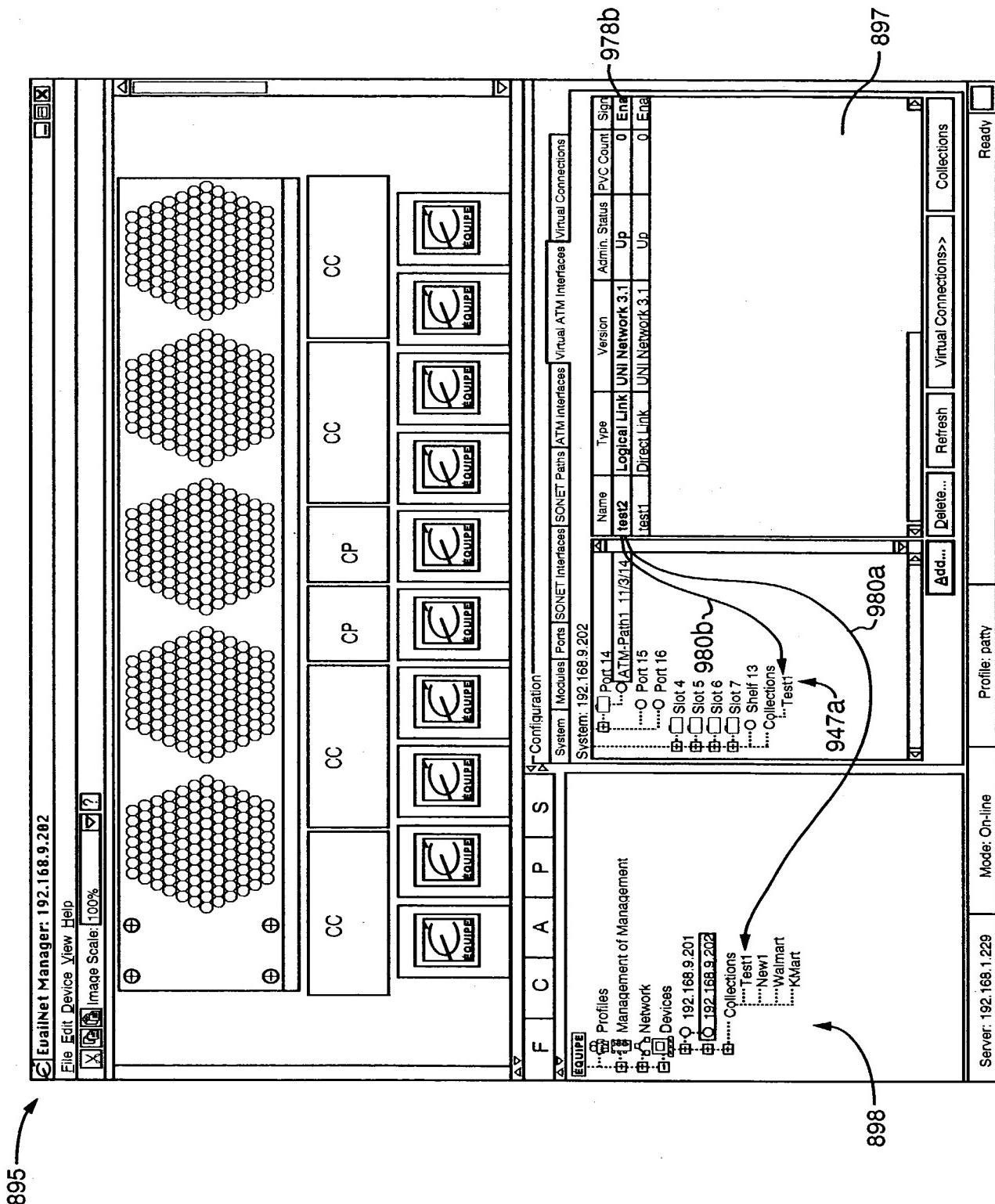
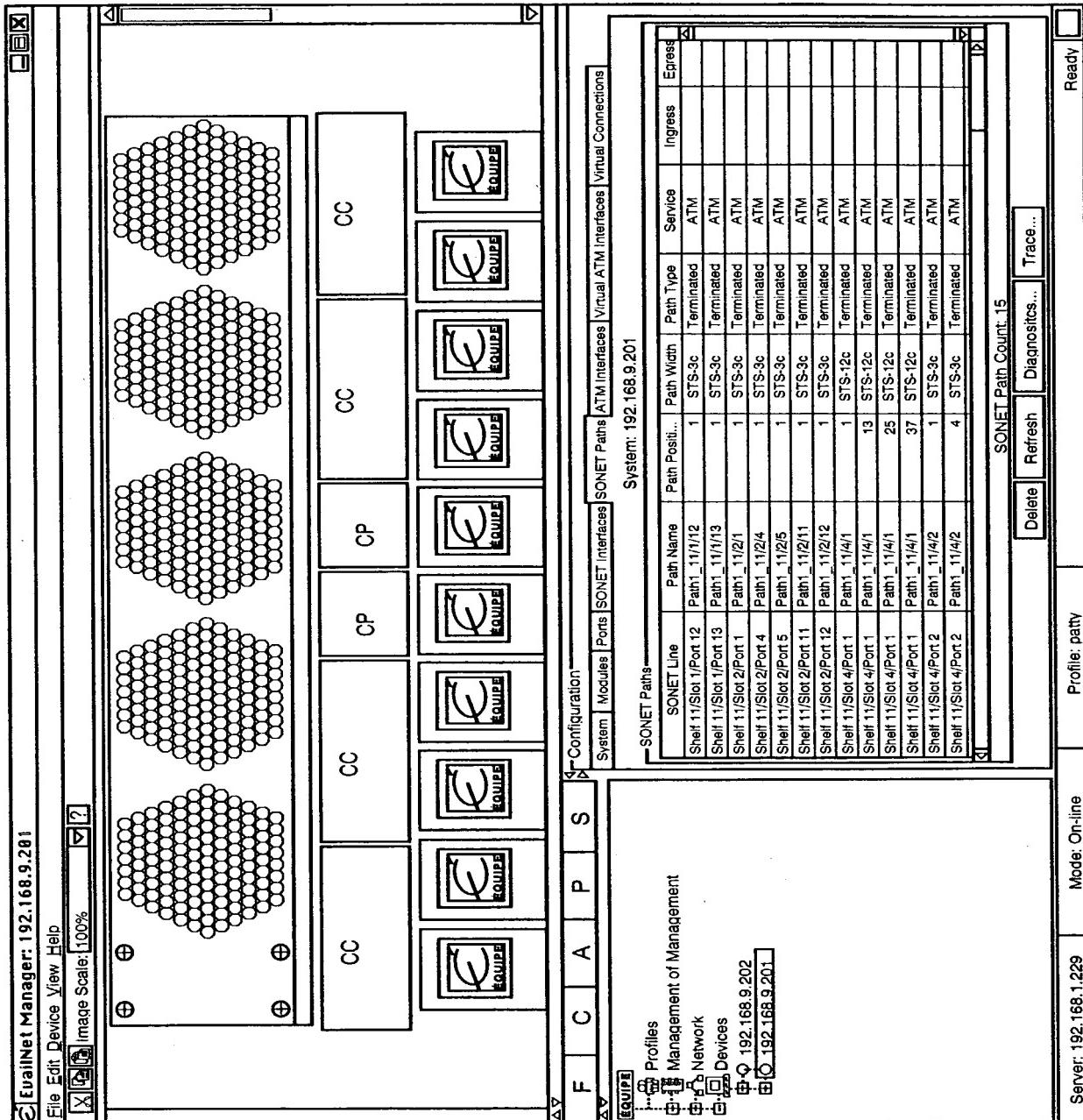
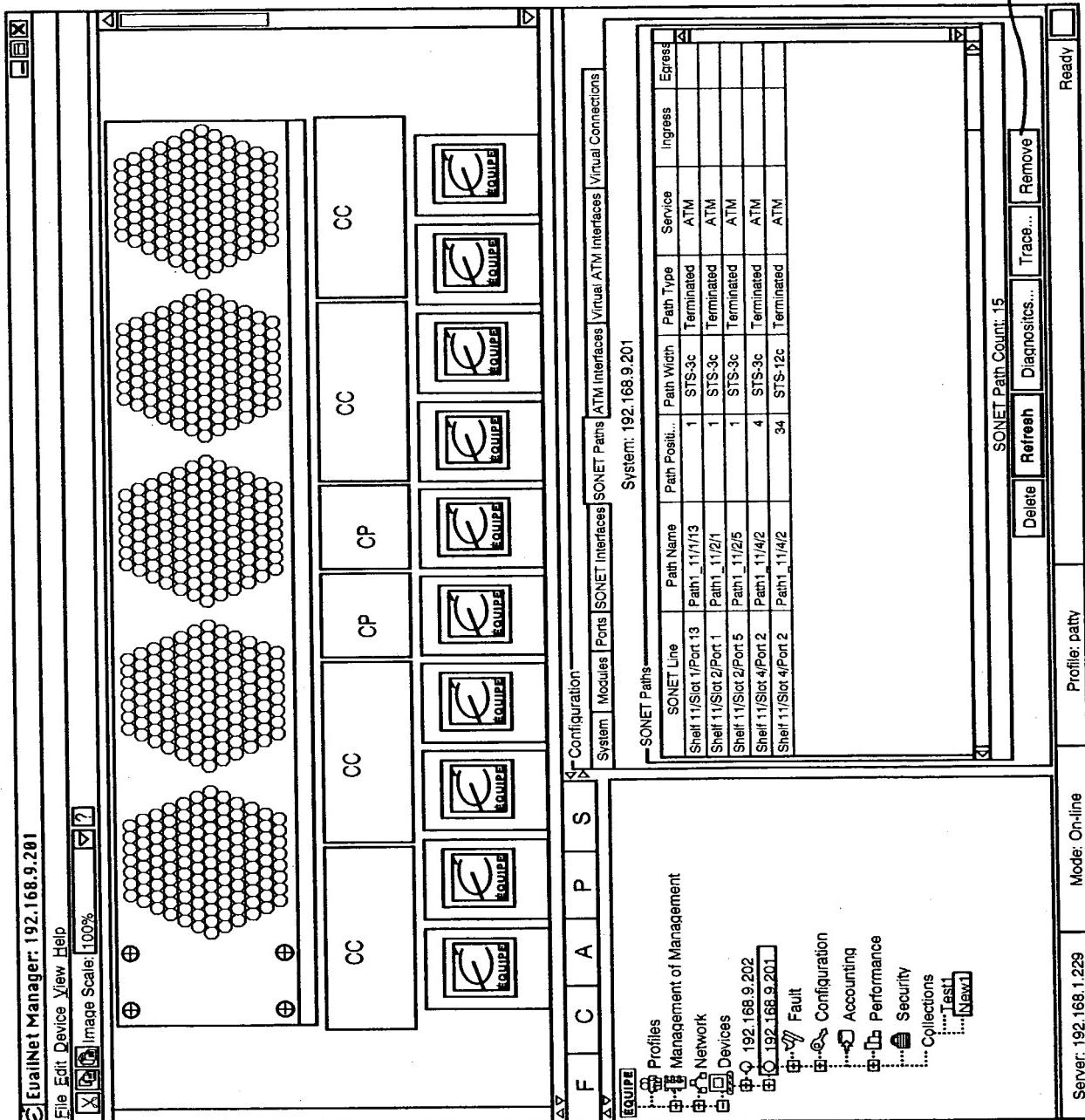


FIG. 10G



982



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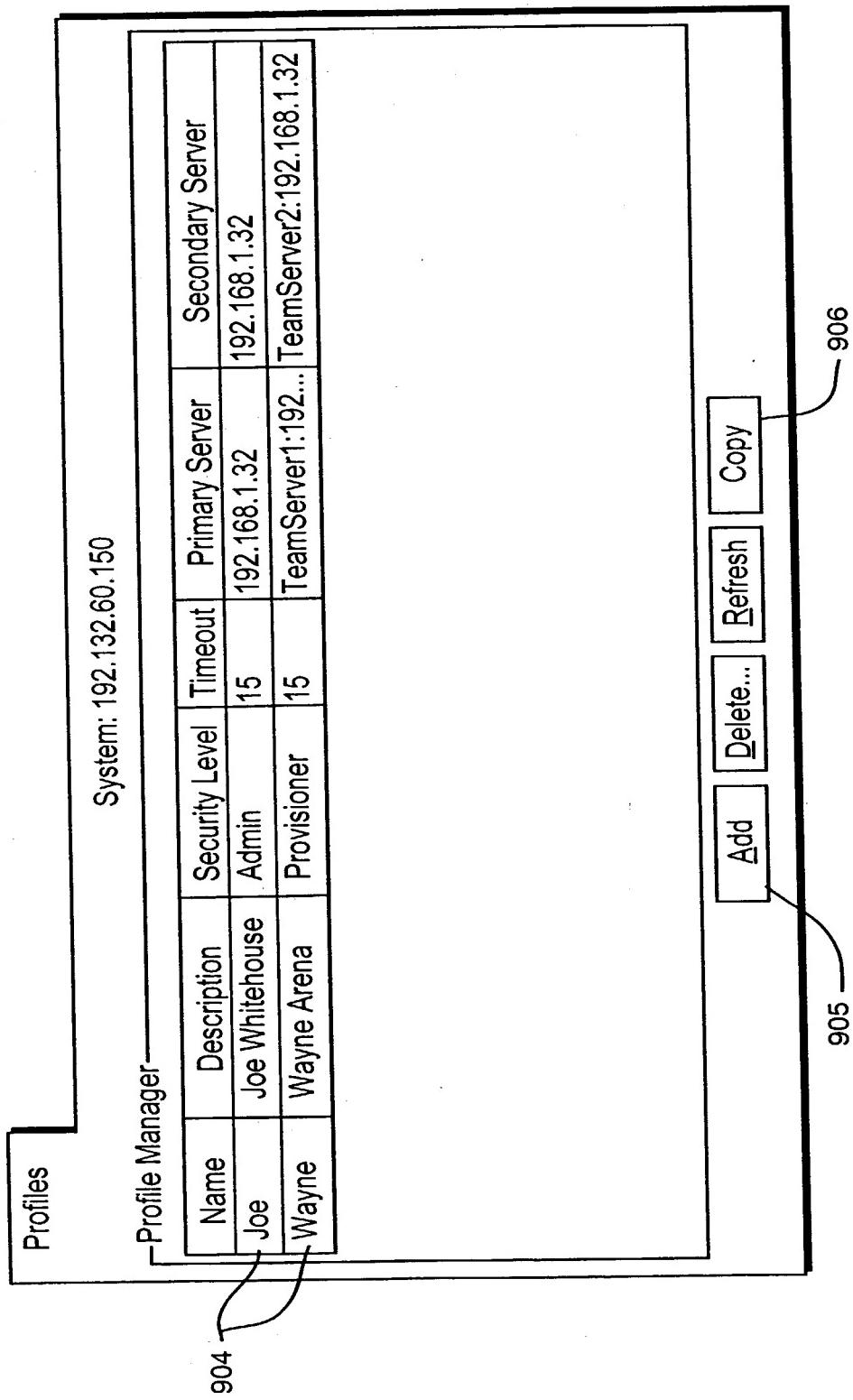


FIG. 11A

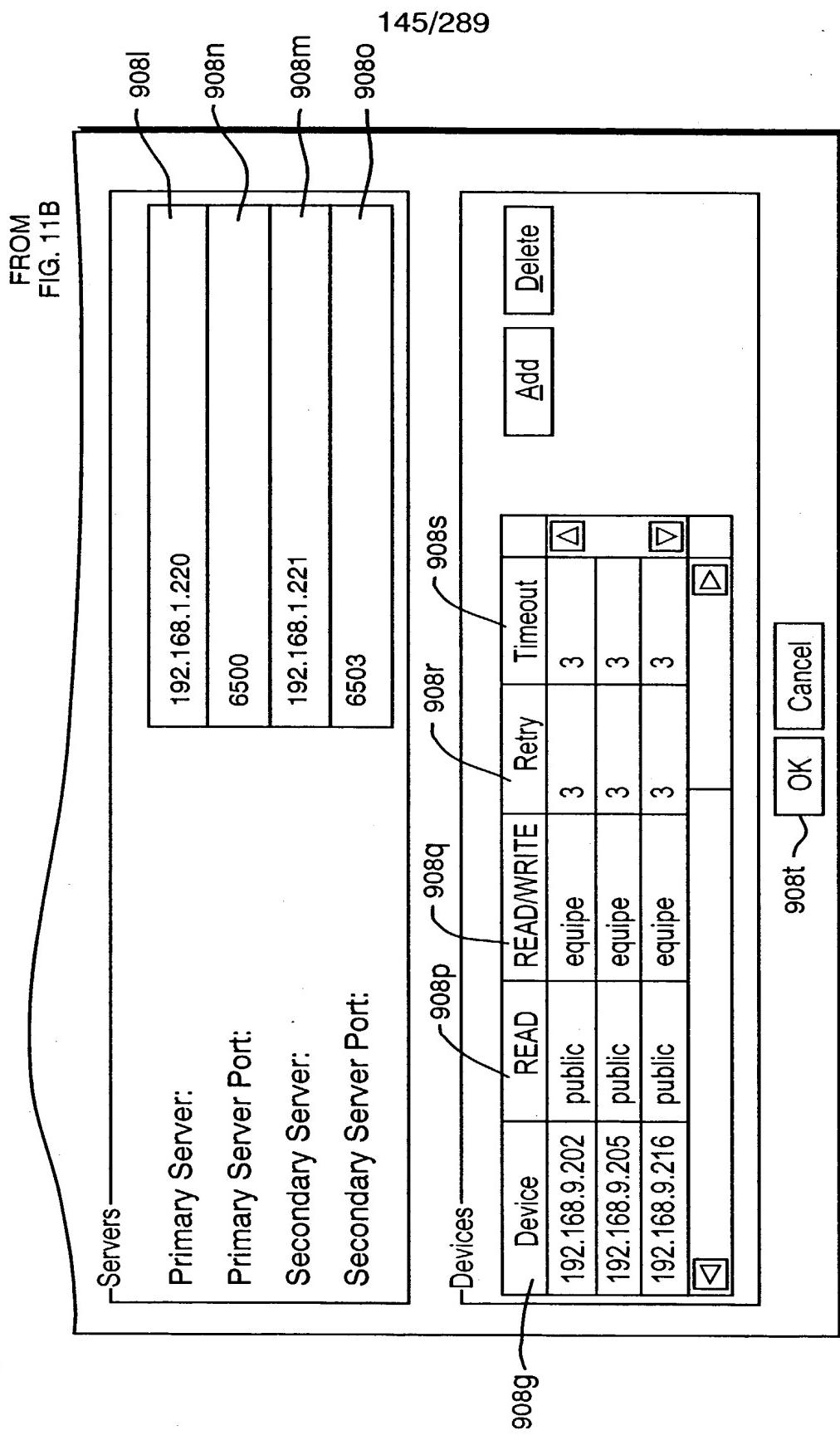
General	
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
Username:	Kevin
Description:	Kevin Snow user account
Group Name:	Equipe
Group Level Access:	<input checked="" type="checkbox"/>
Password:	*****
Confirm Password:	*****
Policies	
908h	<input checked="" type="checkbox"/> User Cannot Change Password
908i	<input type="checkbox"/> Account Disabled
908j	<input checked="" type="checkbox"/> User Can Add Devices
	User Session Timeout: <input type="text"/> 15 Minutes

907 →

908a
908e
908f
908d
908b
908c
908h
908i
908j
908k

TO
FIG. 11C

FIG. 11B



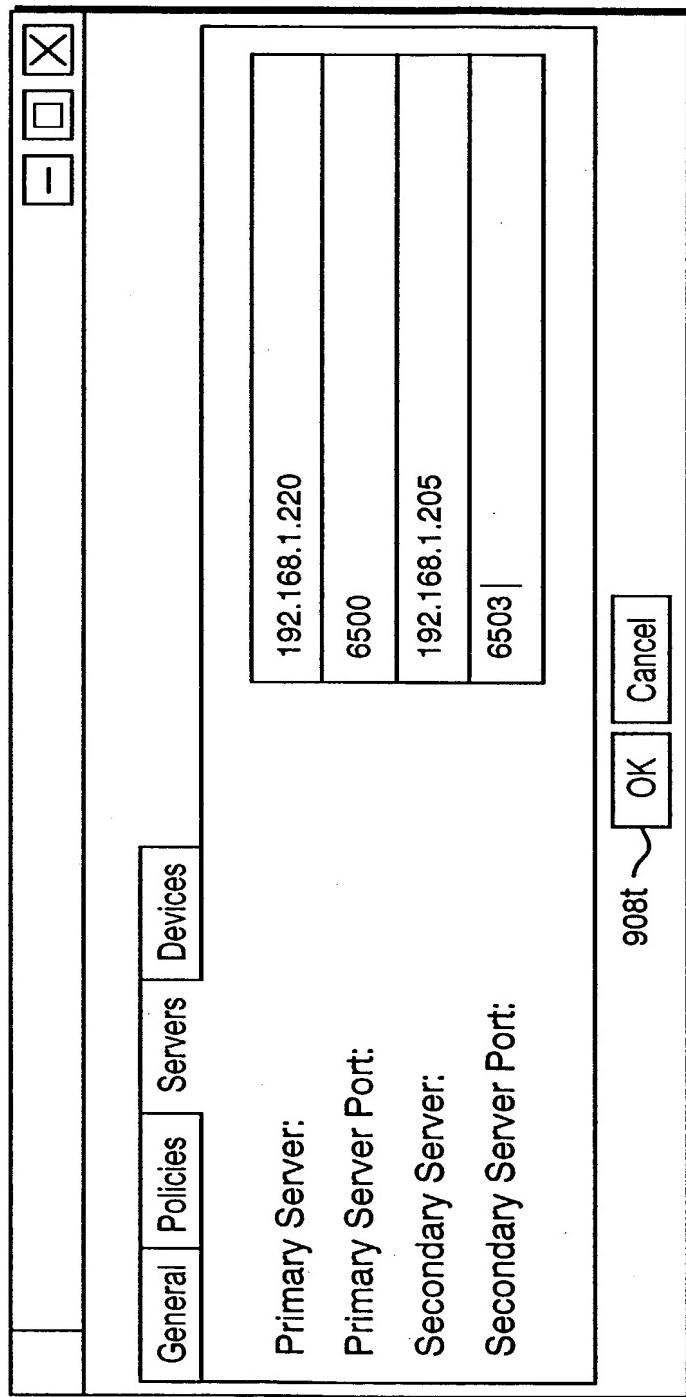


FIG. 11D

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FIG. 11E

<input type="button" value="-"/> <input type="button" value="□"/> <input checked="" type="button" value="X"/>							
<table border="1"><tr><td>General</td><td>Policies</td><td>Servers</td><td>Devices</td></tr></table>				General	Policies	Servers	Devices
General	Policies	Servers	Devices				
Username:	Kevin						
Description:	Kevin Snow user account						
Customer Name:	Equipe						
Group Level Access:	<input checked="" type="checkbox"/>						
Password:	*****						
Confirm Password:	*****						
908t ~ <input type="button" value="OK"/> <input type="button" value="Cancel"/>							

FIG. 11F

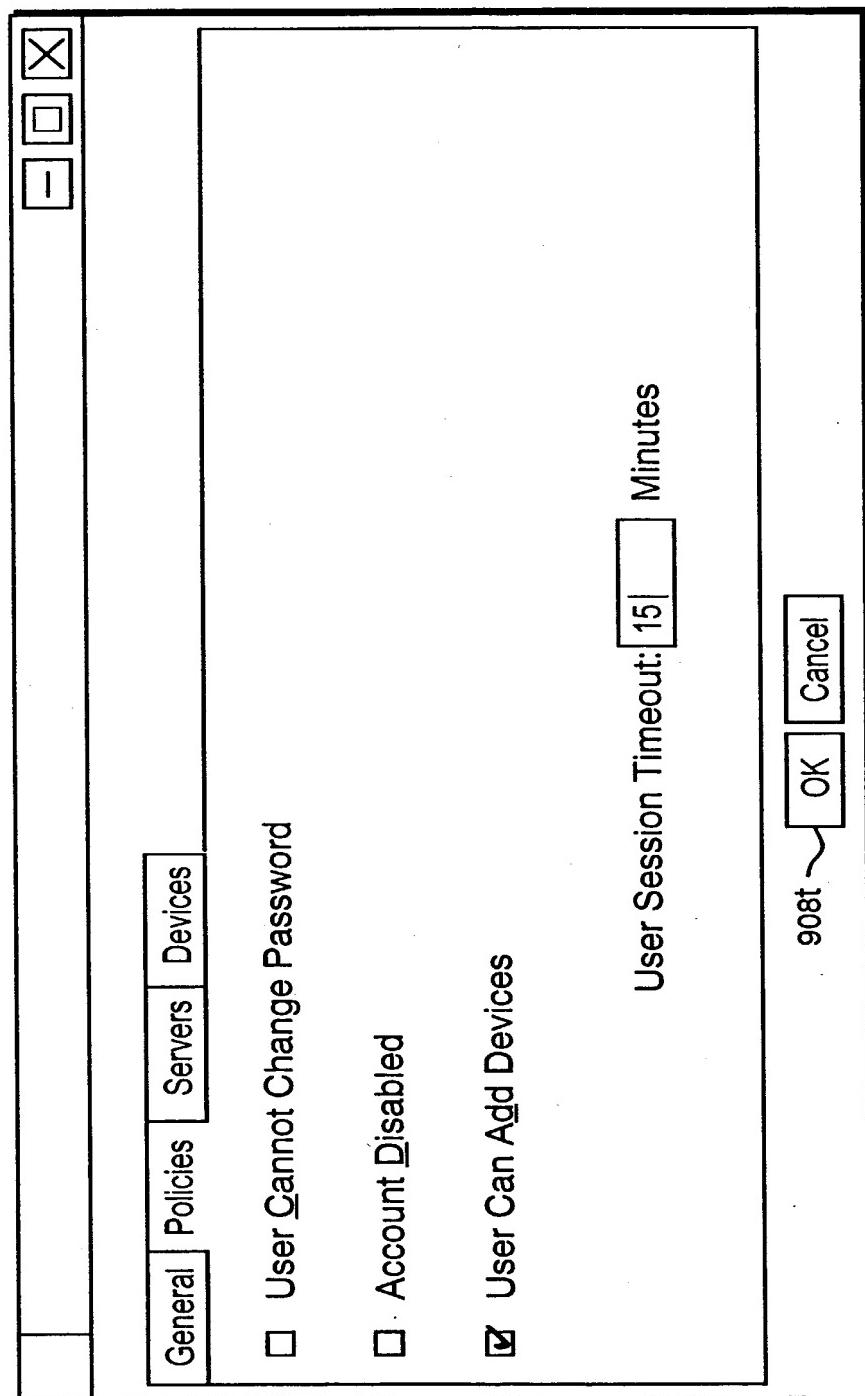


FIG. 11G

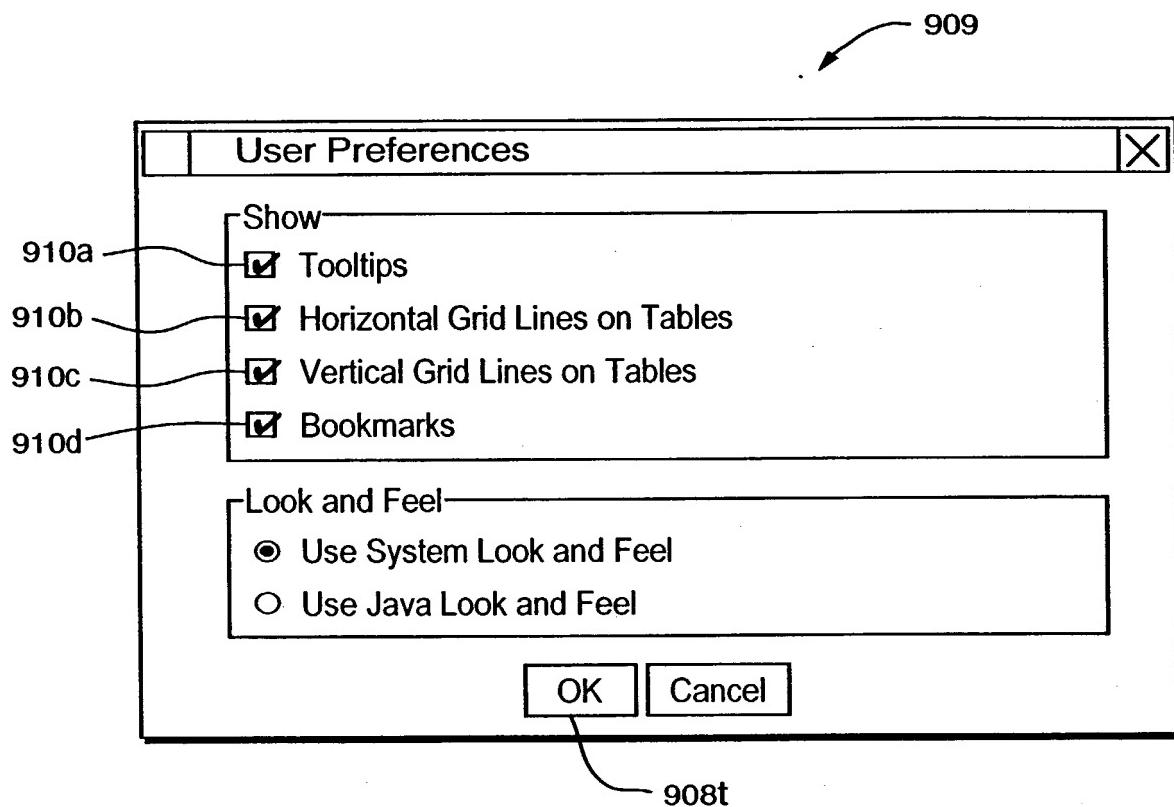


FIG. 11H

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
General		
Username:	Kevin	
Description:	Kevin Snow user account	
Group Name:	Equipe	
Group Level Access:	<input checked="" type="checkbox"/>	
Password:	*****	
Confirm Password:	*****	
Policies		
908h	<input checked="" type="checkbox"/> User Cannot Change Password	
908i	<input type="checkbox"/> Account Disabled	
908j	<input checked="" type="checkbox"/> User Can Add Devices	
	User Session Timeout: <input type="text" value="15"/> Minutes	

907 →

908a
908e
908f
908d
908b
908c
908h
908i
908j
908k

TO FIG. 11J

FIG. 11I

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FROM
FIG. 11I

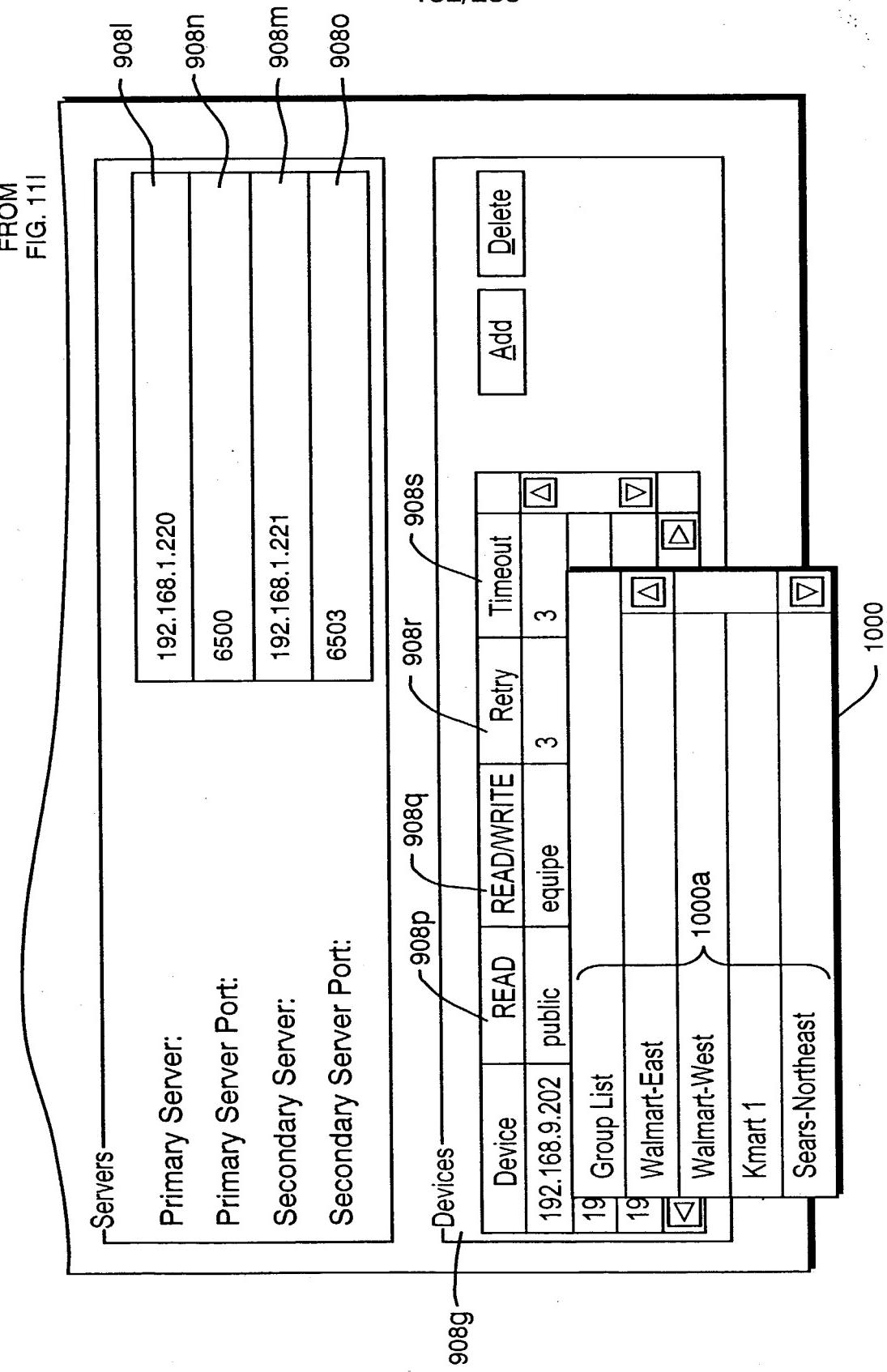


FIG. 11J

<input type="checkbox"/> EvalNet Manager: SONET Path Configuration - 11/8/5																	
System: 192.168.9.201																	
SONET Line																	
<input type="checkbox"/> Slot <input type="text" value="8"/>	<input type="checkbox"/> Port <input type="text" value="5"/>																
<input type="checkbox"/> Type <input type="text" value="OC12"/>																	
Graphical Representation																	
<input type="checkbox"/> Position <input type="checkbox"/> Width																	
SONET Path Wizard																	
<input checked="" type="radio"/> Configure a single concatenated path (STS-12c)																	
<input type="radio"/> Configure <input type="text" value="4"/>																	
<input checked="" type="checkbox"/> STS-3C <input checked="" type="checkbox"/> paths																	
<input type="radio"/> Custom Configuration																	
Path Table																	
<table border="1"> <thead> <tr> <th>SONET Line</th> <th>Path Name</th> <th>Path Posit.</th> <th>Path Wi.</th> <th>Path Ty.</th> <th>Servi.</th> <th>Ingress Conne.</th> <th>Egress Conne.</th> </tr> </thead> <tbody> <tr> <td>11/8/5</td> <td>Path1_11/...</td> <td>1</td> <td>STS-12c</td> <td>Termin.</td> <td>ATM</td> <td></td> <td></td> </tr> </tbody> </table>		SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.	11/8/5	Path1_11/...	1	STS-12c	Termin.	ATM		
SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.										
11/8/5	Path1_11/...	1	STS-12c	Termin.	ATM												
<input type="button" value="Modify"/>																	
1002e																	
1002a																	
1002d																	
<input type="button" value="OK"/> <input type="button" value="Cancel"/>																	
1002b																	
1002c																	
<input checked="" type="checkbox"/> Group Name: <input type="text"/>																	

FIG. 11K

1002

EvailNet Manager: SONET Path Configuration - 11/8/5																																									
System: 192.168.9.201																																									
SONET Line	<input type="checkbox"/> Slot <input checked="" type="checkbox"/> 8 <input type="checkbox"/> Port <input checked="" type="checkbox"/> 5 <input type="checkbox"/> Type <input checked="" type="checkbox"/> OC12																																								
Graphical Representation	<table border="1"> <thead> <tr> <th>Position</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>STS-3C</td> </tr> <tr> <td>4</td> <td>STS-3C</td> </tr> <tr> <td>7</td> <td>STS-3C</td> </tr> <tr> <td>10</td> <td>STS-3C</td> </tr> </tbody> </table>	Position	Width	1	STS-3C	4	STS-3C	7	STS-3C	10	STS-3C																														
Position	Width																																								
1	STS-3C																																								
4	STS-3C																																								
7	STS-3C																																								
10	STS-3C																																								
SONET Path Wizard	<input type="radio"/> Configure a single concatenated path (STS-12c) <input checked="" type="radio"/> Configure <input type="radio"/> Custom Configuration																																								
Path Table	<table border="1"> <thead> <tr> <th>SONET Line</th> <th>Path Name</th> <th>Path Posit.</th> <th>Path Wi.</th> <th>Path Ty.</th> <th>Servi.</th> <th>Ingress Conne.</th> <th>Egress Conne.</th> </tr> </thead> <tbody> <tr> <td>11/8/5</td> <td>Path1_11/8/5</td> <td>1</td> <td>STS-3C</td> <td>Termin.</td> <td>ATM</td> <td></td> <td></td> </tr> <tr> <td>11/8/5</td> <td>Path2_11/8/5</td> <td>4</td> <td>STS-3C</td> <td>Termin.</td> <td>ATM</td> <td></td> <td></td> </tr> <tr> <td>11/8/5</td> <td>Path3_11/8/5</td> <td>7</td> <td>STS-3C</td> <td>Termin.</td> <td>ATM</td> <td></td> <td></td> </tr> <tr> <td>11/8/5</td> <td>Path4_11/8/5</td> <td>10</td> <td>STS-3C</td> <td>Termin.</td> <td>ATM</td> <td></td> <td></td> </tr> </tbody> </table>	SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.	11/8/5	Path1_11/8/5	1	STS-3C	Termin.	ATM			11/8/5	Path2_11/8/5	4	STS-3C	Termin.	ATM			11/8/5	Path3_11/8/5	7	STS-3C	Termin.	ATM			11/8/5	Path4_11/8/5	10	STS-3C	Termin.	ATM		
SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.																																		
11/8/5	Path1_11/8/5	1	STS-3C	Termin.	ATM																																				
11/8/5	Path2_11/8/5	4	STS-3C	Termin.	ATM																																				
11/8/5	Path3_11/8/5	7	STS-3C	Termin.	ATM																																				
11/8/5	Path4_11/8/5	10	STS-3C	Termin.	ATM																																				
1002a	<input type="button" value="Modify"/>																																								
1002d	<input type="button" value="OK"/> <input type="button" value="Cancel"/> Group Name: <input type="text"/>																																								
1002e	<input type="checkbox"/>																																								
1002b	<input type="checkbox"/>																																								
1002c	<input type="checkbox"/>																																								

1002a

1002d ~ OK Cancel Group Name:

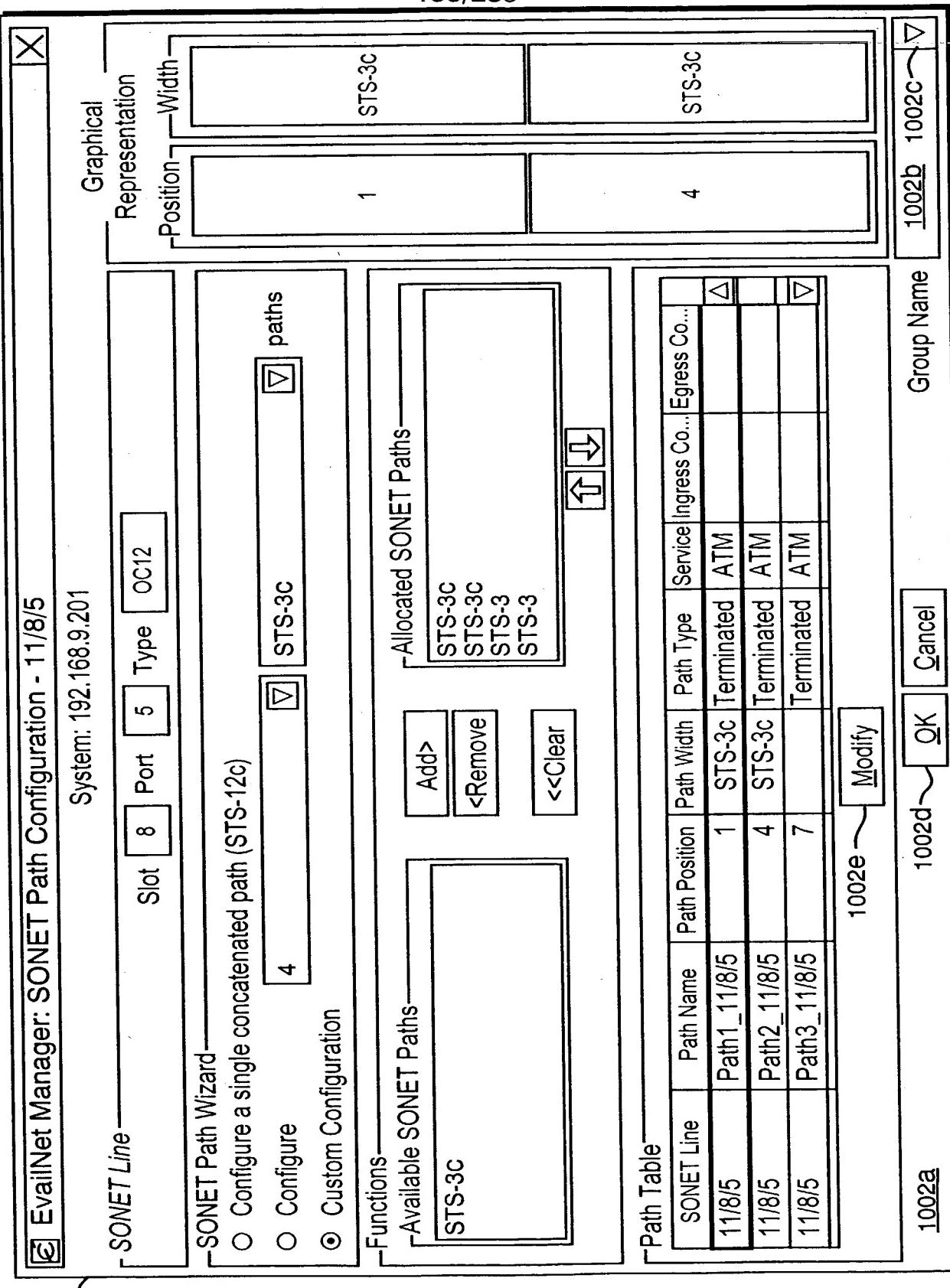
1002e ~

1002b ~

1002c ~

1002

FIG. 11L



1002

FIG. 11M

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MANAGED RESOURCE GROUP TABLE 1008

1008a → LID → 1008b → MANAGED DEVICE PID → GROUP NAME → 1008c → 1008d

LID	MANAGED DEVICE PID	GROUP NAME
1145	1	WALMART-EAST
⋮	⋮	⋮
⋮	⋮	⋮
⋮	⋮	⋮

FIG. 11N

MANAGED RESOURCE TABLE 1007

1007a → LID → 1007b → RESOURCE LID → MANAGE RESOURCE GROUP LID → 1007c

LID	RESOURCE LID	MANAGE RESOURCE GROUP LID
4443	901	1145
⋮	⋮	⋮
⋮	⋮	⋮
⋮	⋮	⋮

FIG. 11O

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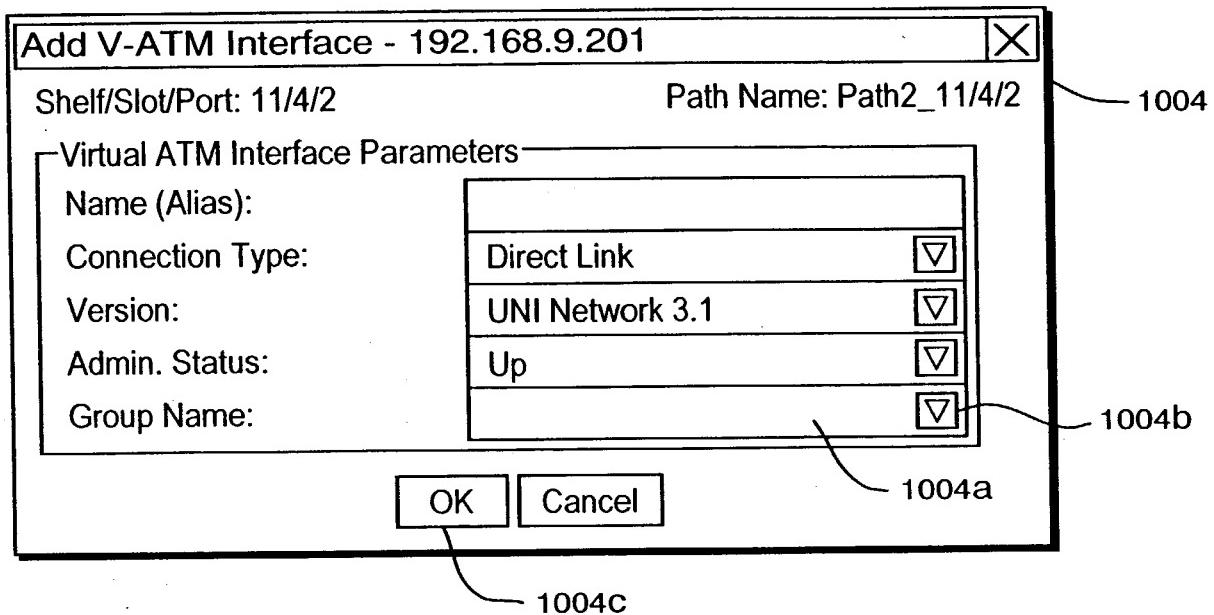


FIG. 11P

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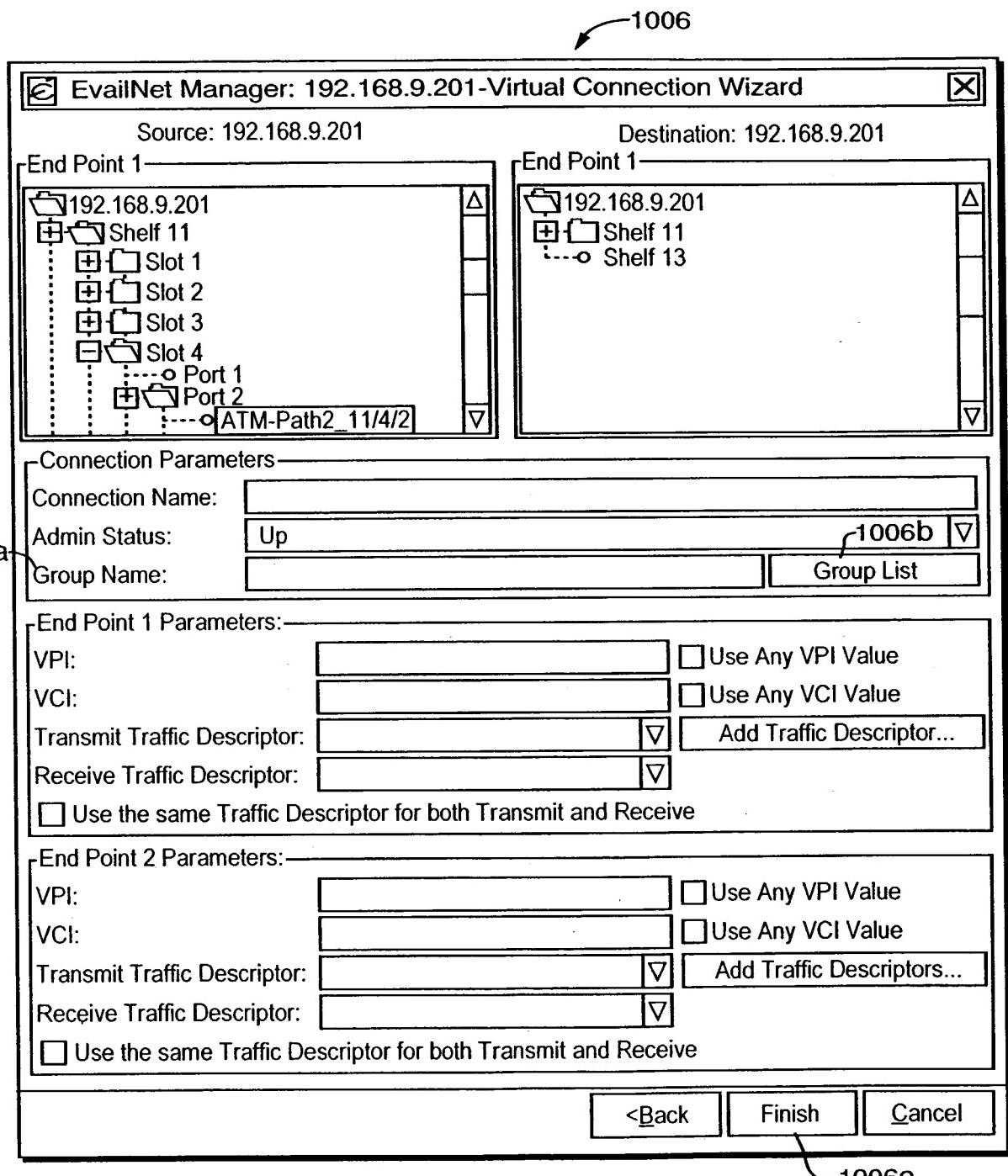


FIG. 11Q

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USER TABLE 1010

Diagram illustrating the structure of the User Table 1010:

LID	USERNAME	PASSWORD	GROUP LEVEL ACCESS
2012	DAVE	MARBLE	PROVISIONER
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮

Annotations:

- 1010a points to the first column.
- 1010b points to the second column.
- 1010c points to the third column.
- 1010d points to the fourth column.
- 1010e points to the entire row containing the four columns.

FIG. 11R

USER MANAGED DEVICE TABLE 1012

Diagram illustrating the structure of the User Managed Device Table 1012:

LID	USER LID	HOST LID	RETRY	TIMEOUT
7892	2012	9046		
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

Annotations:

- 1012a points to the first column.
- 1012b points to the second column.
- 1012c points to the third column.
- 1012d points to the fourth column.
- 1012e points to the fifth column.

FIG. 11S

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ADMINISTRATION MANAGED DEVICE TABLE 1014

1014b		1014e		1014d		
LID	HOST ADDRESS	PORT ADDRESS	RETRY	TIMEOUT	ADMIN. PASSWORD	PROV. PASSWORD
9046	192.168.9.202	1521			TEAM 1	TEAM 2
:	:	:	:	:	:	TEAM 3
:	:	:	:	:	:	
:	:	:	:	:		

FIG. 11T

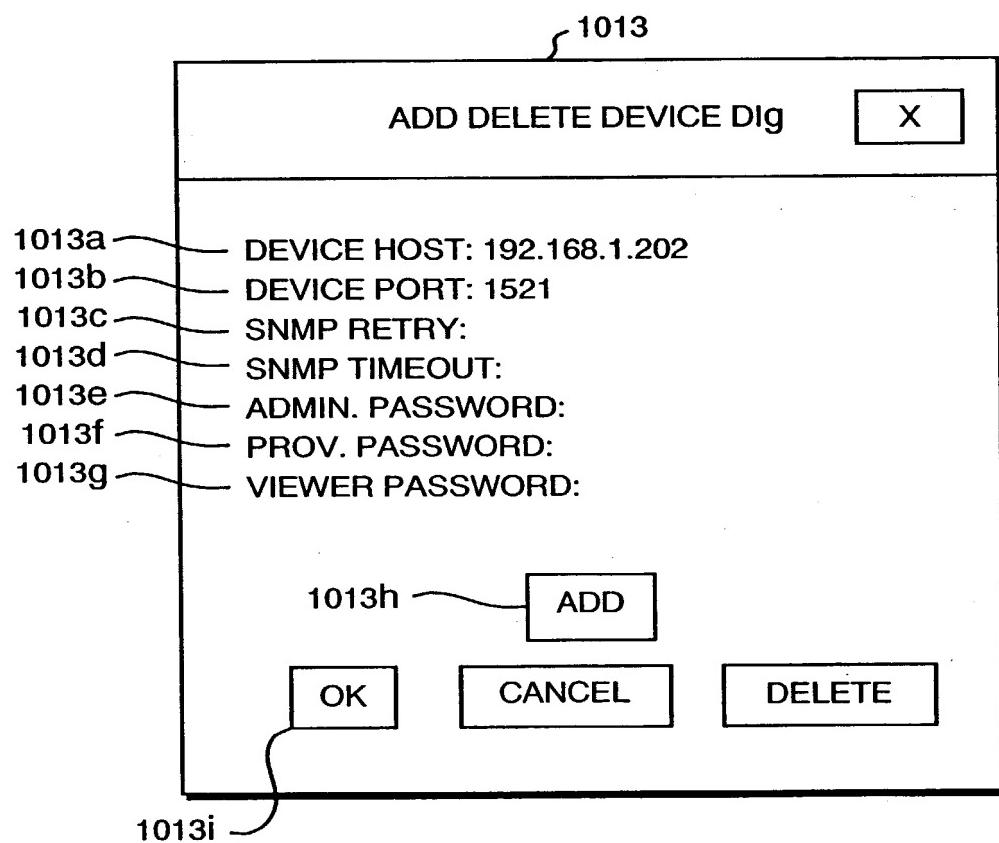


FIG. 11U

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USER RESOURCE GROUP MAP TABLE 1016

The diagram shows a table with three columns: LID, USER LID, and USER RESOURCE GROUP LID. The table has four rows. The first row contains values 8086, 2012, and 1024. The second row contains three dots. The third row contains three dots. The fourth row contains three dots. A bracket labeled 1016a spans the first two columns. A bracket labeled 1016b spans all three columns. A bracket labeled 1016c spans the last two columns.

LID	USER LID	USER RESOURCE GROUP LID
8086	2012	1024
⋮	⋮	⋮
⋮	⋮	⋮
⋮	⋮	⋮

FIG. 11V

USER RESOURCE GROUP TABLE 1018

The diagram shows a table with three columns: LID, HOST LID, and GROUP NAME. The table has four rows. The first row contains values 1024, 9046, and WALMART-EAST. The second row contains three dots. The third row contains three dots. The fourth row contains three dots. A bracket labeled 1018a spans the first column. A bracket labeled 1018b spans all three columns. A bracket labeled 1018c spans the last two columns. A bracket labeled 1018d spans the first two columns.

LID	HOST LID	GROUP NAME
1024	9046	WALMART-EAST
⋮	⋮	⋮
⋮	⋮	⋮
⋮	⋮	⋮

FIG. 11W

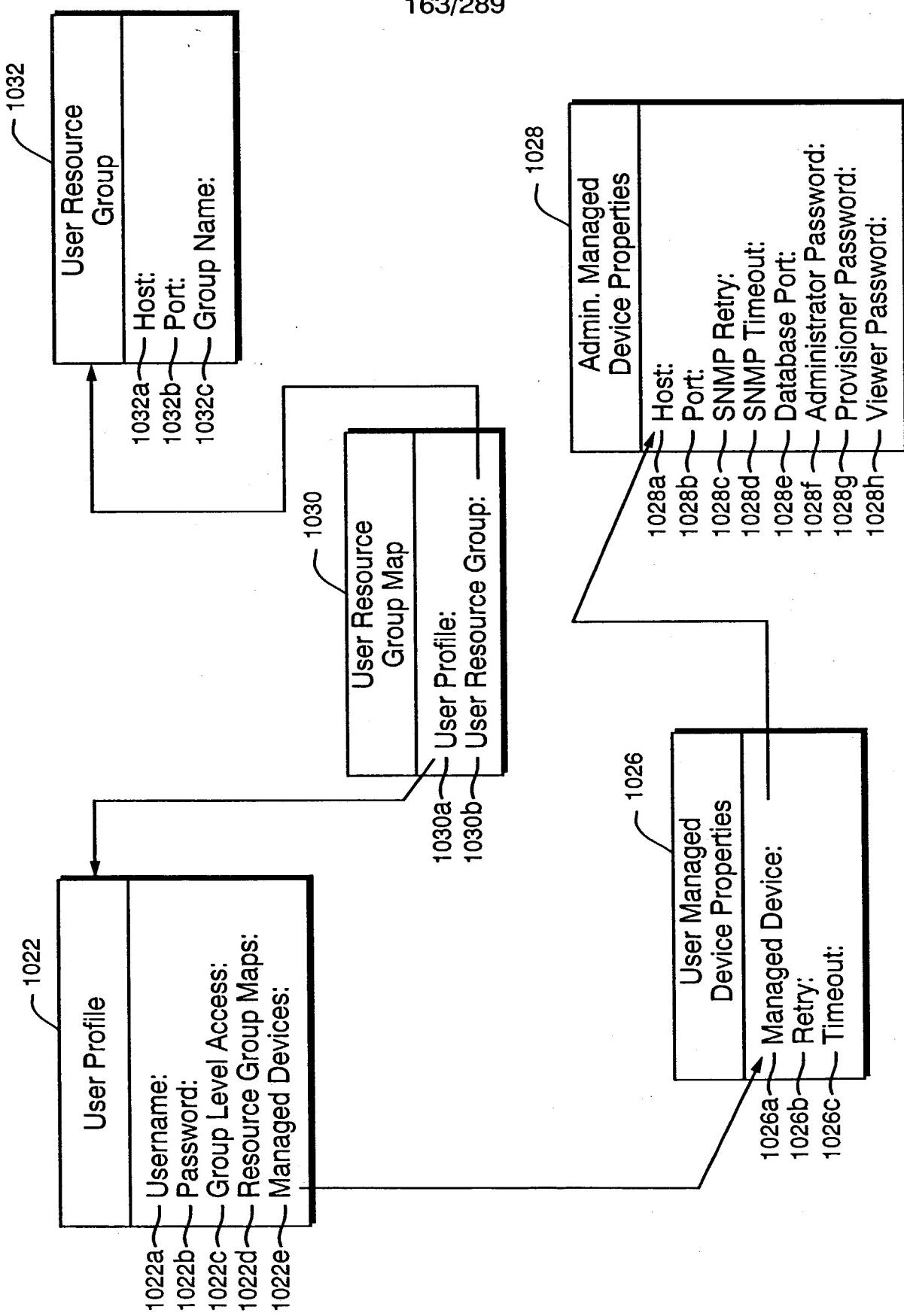


FIG. 11X

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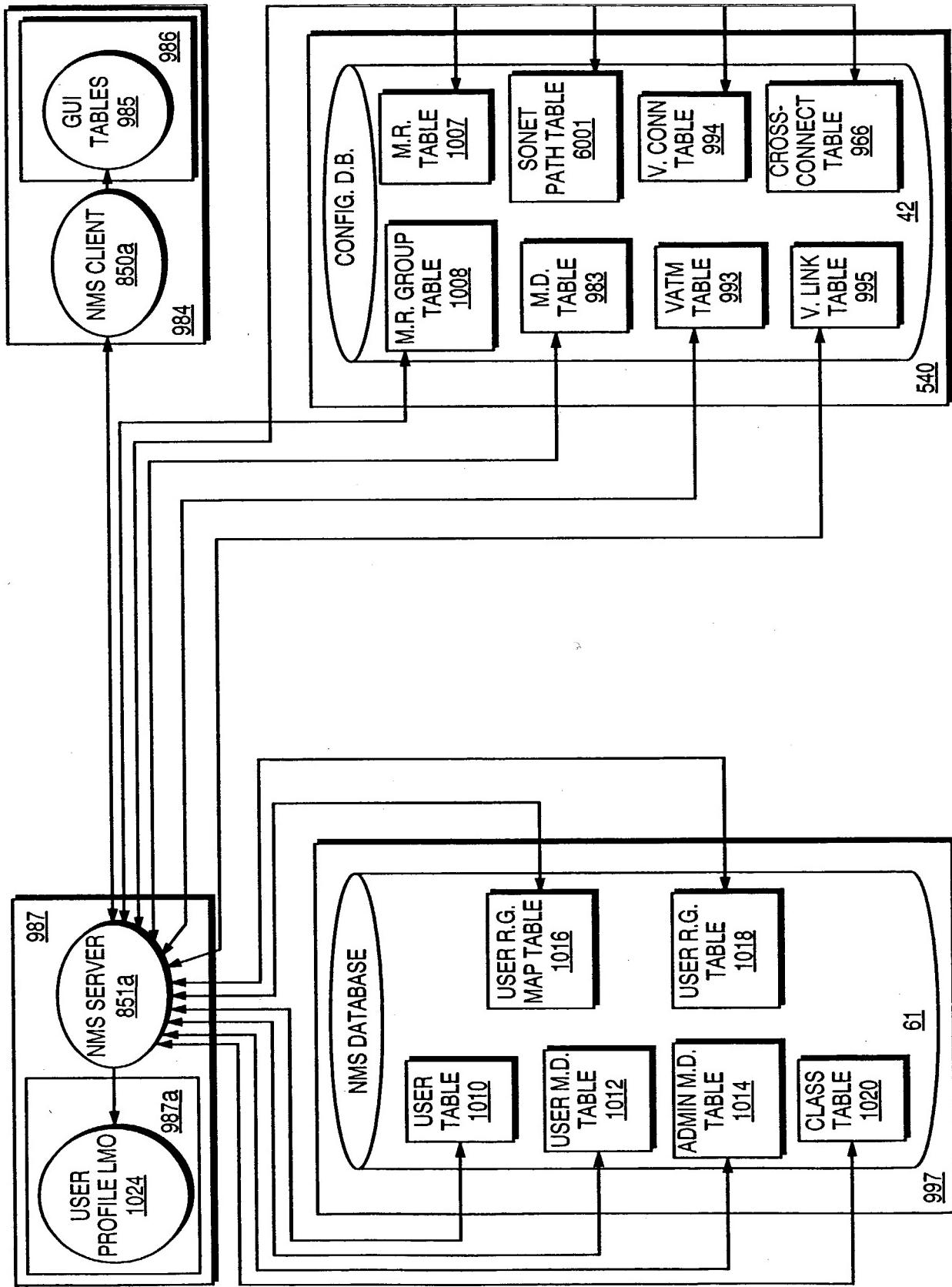


FIG. 11Y

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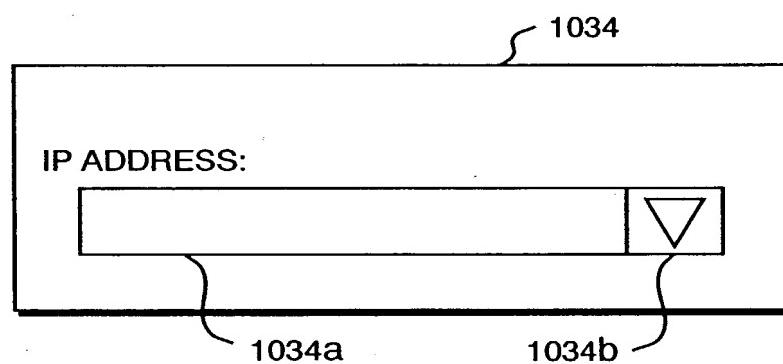


FIG. 11Z

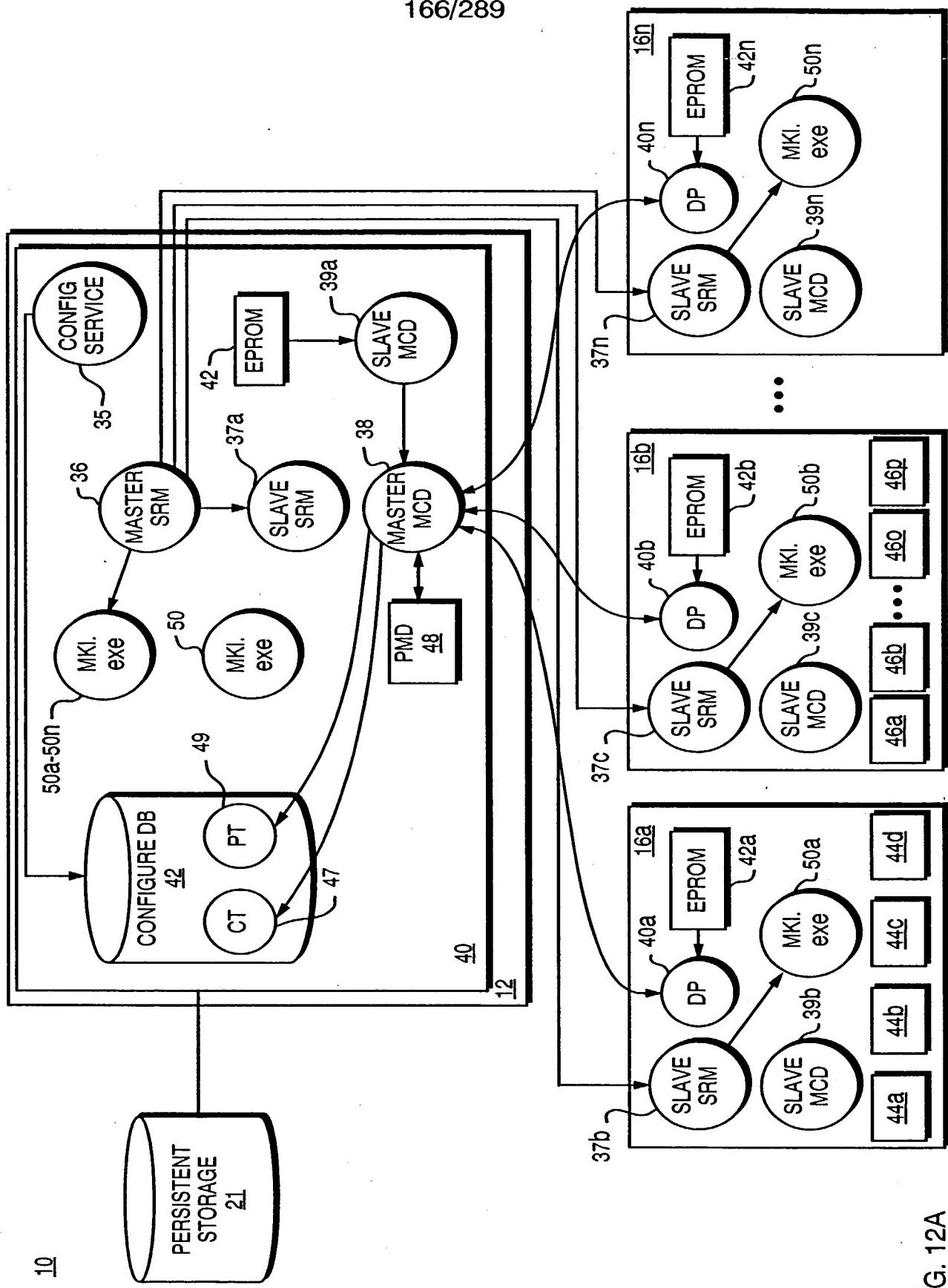


FIG. 12A

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CARD TABLE 47

PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16a	500	0XF002	3	1
16b	501	0XF002	4	2
	•	•	•	•
	•	•	•	•
	•	•	•	•
16e	505	0X6002	1	5
	•	•	•	•
	•	•	•	•
	•	•	•	•
16n	513	0XF002	1	12
	•	•	•	•
	•	•	•	•
	•	•	•	•

FIG. 12B

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PORT TABLE 49

PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a	1500	00620	1	1
44b	1501	00620	1	1
44C	1502	00620	1	1
44d	1503	00620	1	1
44a	1504	00820		
46a

	1600	00620	1	8

FIG. 12C

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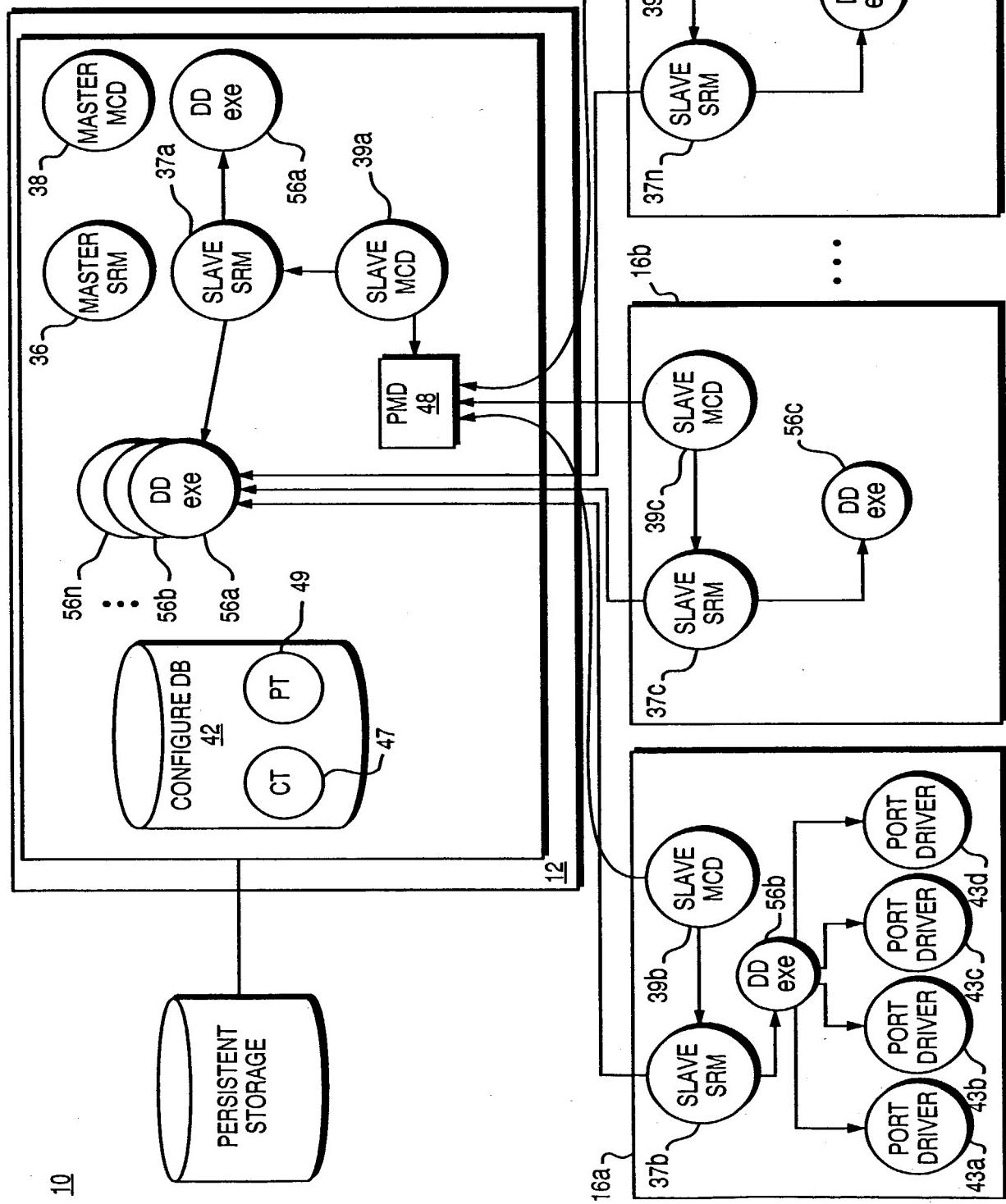


FIG. 13A

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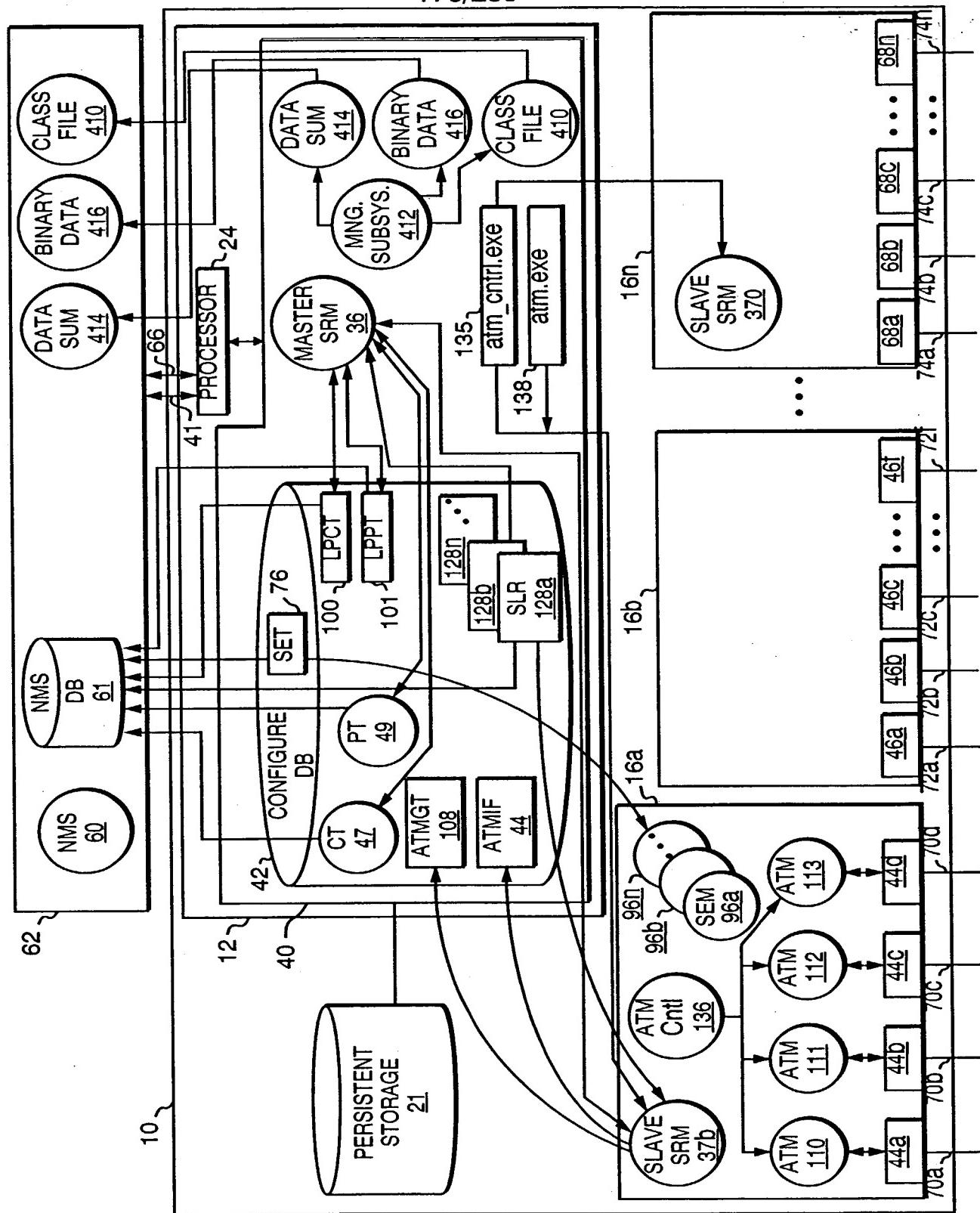


FIG. 13B

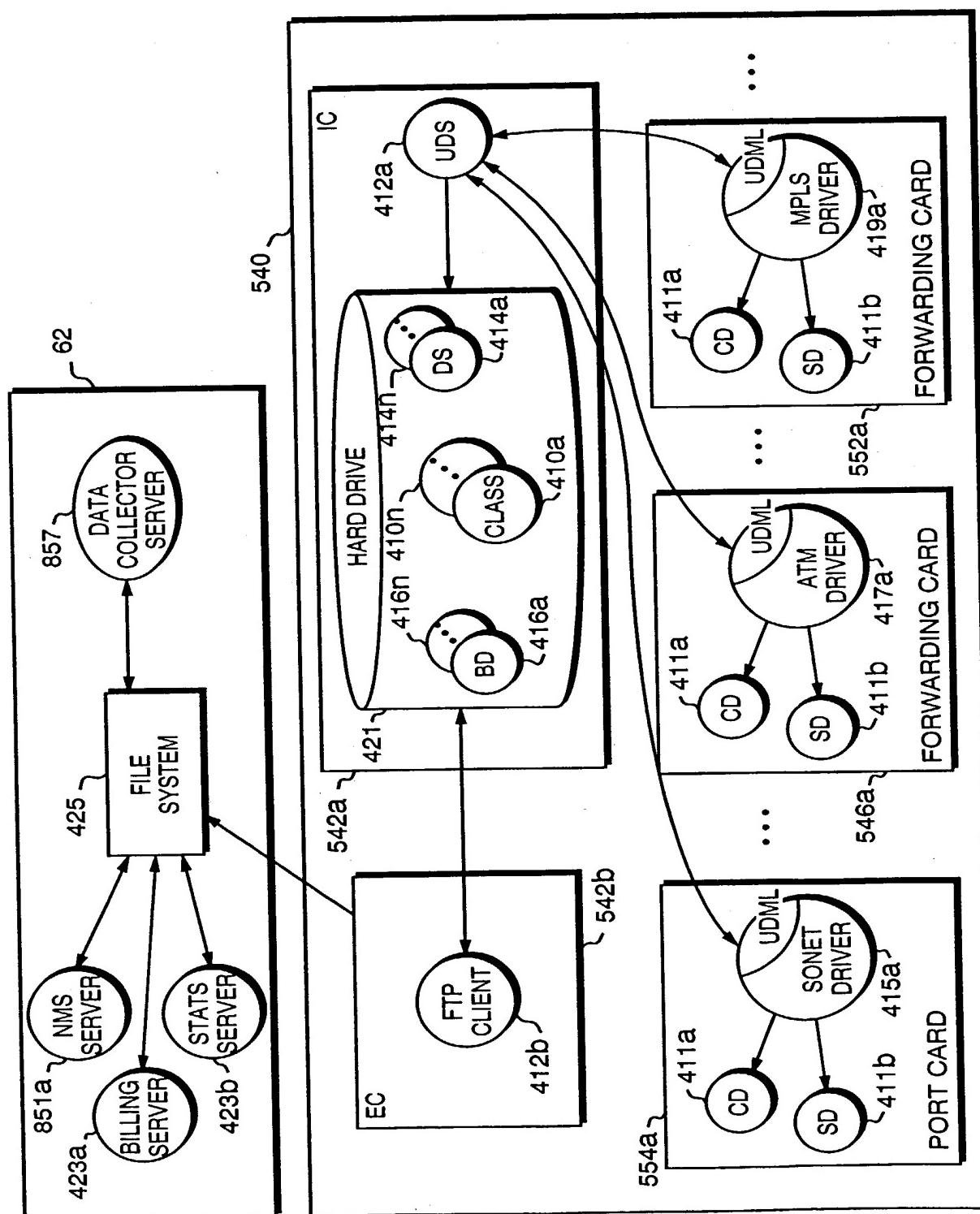


FIG. 13C

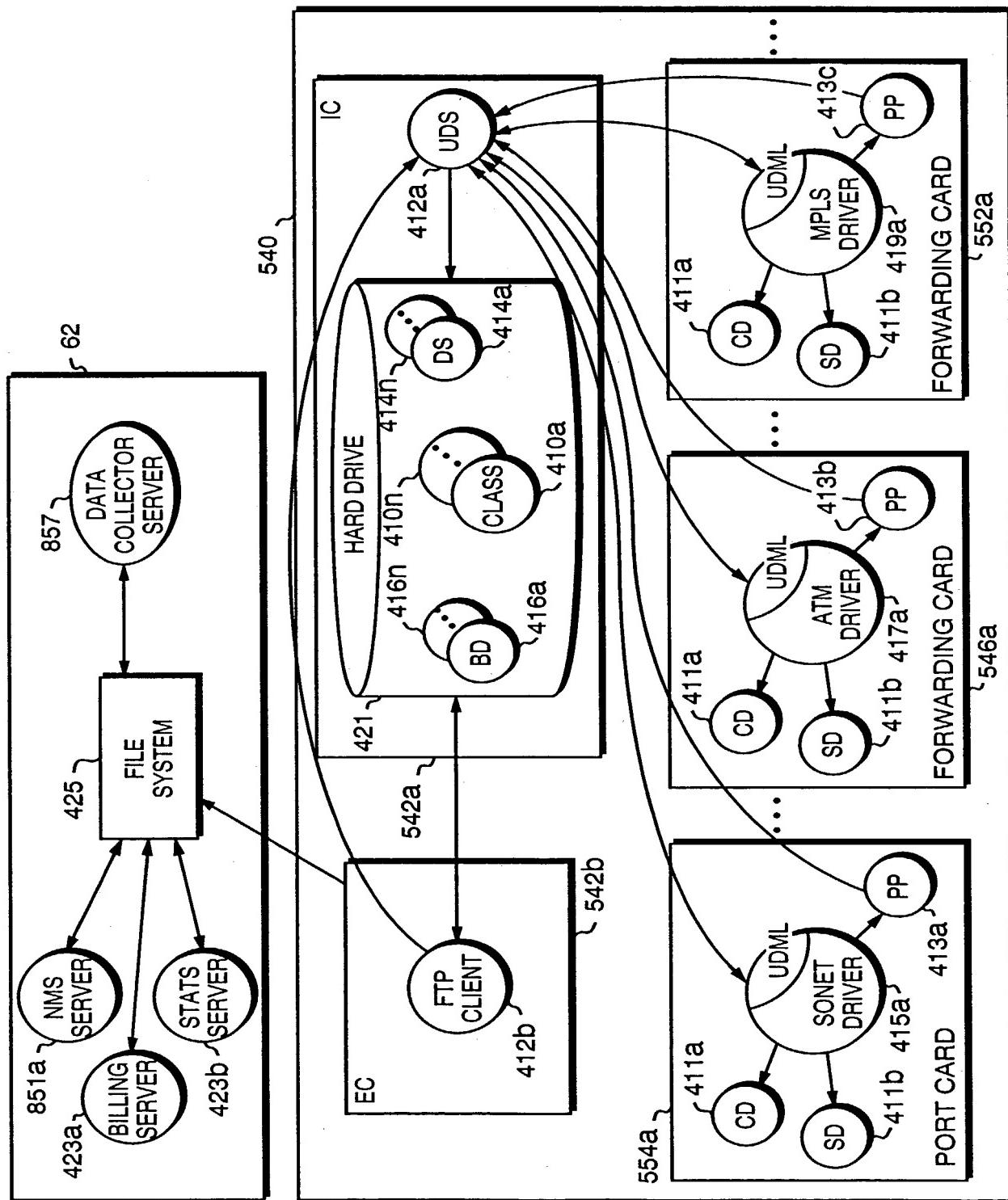


FIG. 13D

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SERVICE ENDPOINT TABLE 76

	SERVICE ENDPOINT #	PORT PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	•	•
	•	•
	•	•

FIG. 14A

LOGICAL TO PHYSICAL CARD TABLE 100

	LID	PRIMARY PID	BACK-UP PID
98	30	500	513
102	31	501	513
104	•	•	•
106	•	•	•
109	•	•	•

FIG. 14B

LOGICAL TO PHYSICAL PORT TABLE 101

	LID	PRIMARY PID	BACK-UP PID
98	40	1500	1600
102	•	•	•
104	•	•	•
107	•	•	•

FIG. 14C

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ATM GROUP TABLE 108

GROUP #	CARD LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14D

ATM INTERFACE TABLE 114

ATM IF	ATM GROUP	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
•	•	•	•
•	•	•	•
•	•	•	•
12	3	10	
•	•	•	•
•	•	•	•

FIG. 14E

SOFTWARE LOAD RECORD 128a

130 ~	CONTROL SHIM	LID	132 ~
134 ~	atm-cntl.exe	30	

FIG. 14F

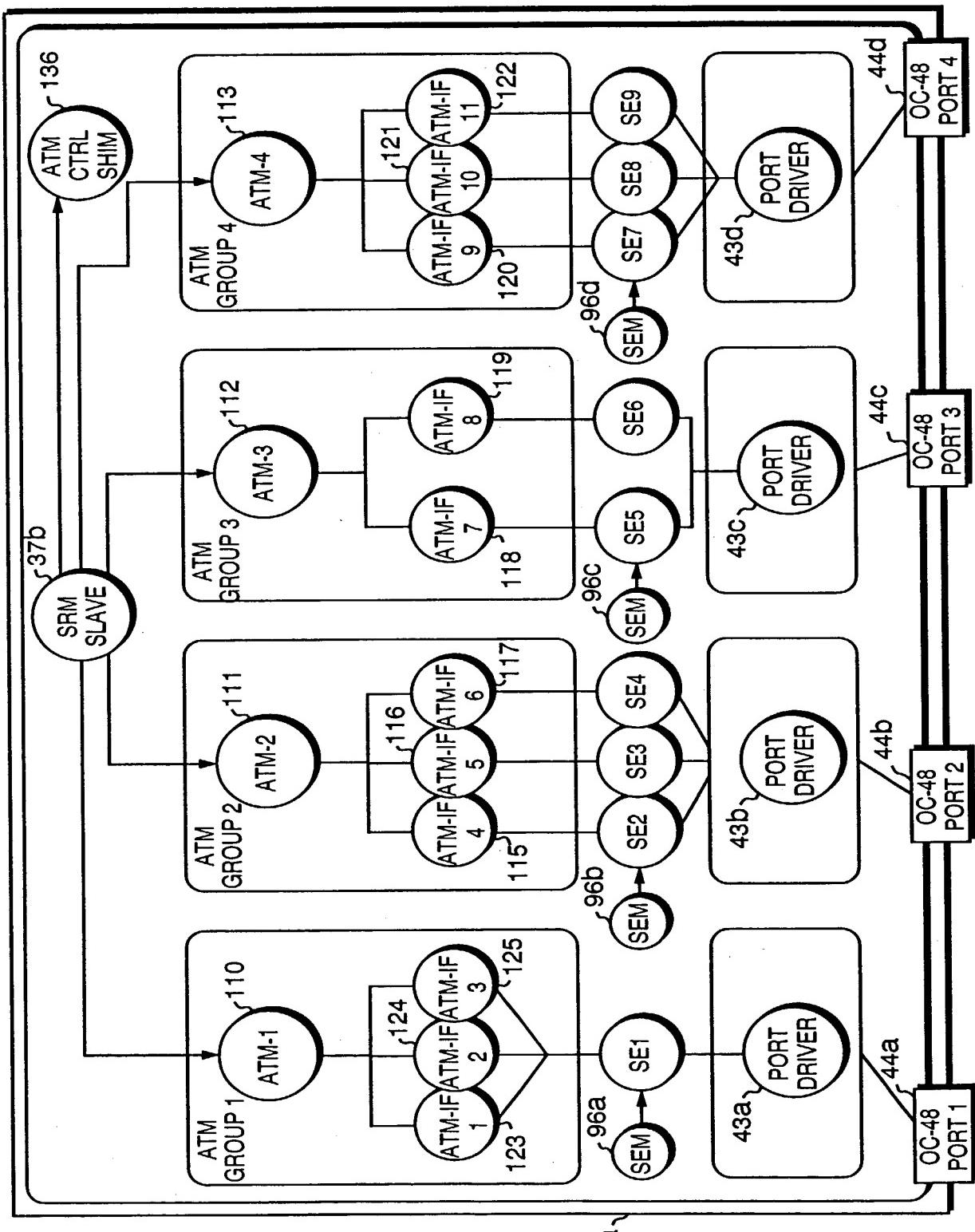


FIG. 15

16a

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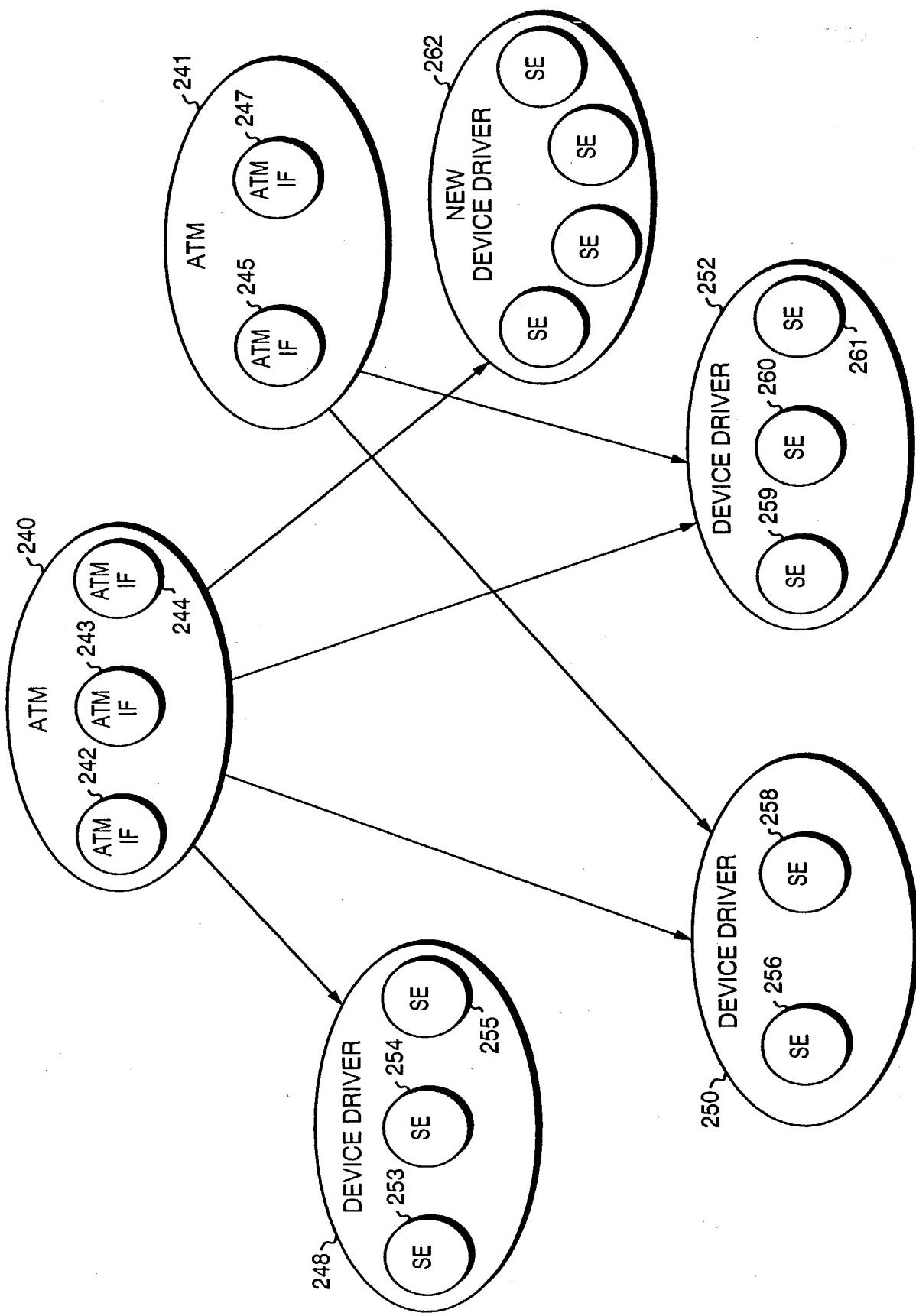


FIG. 16A

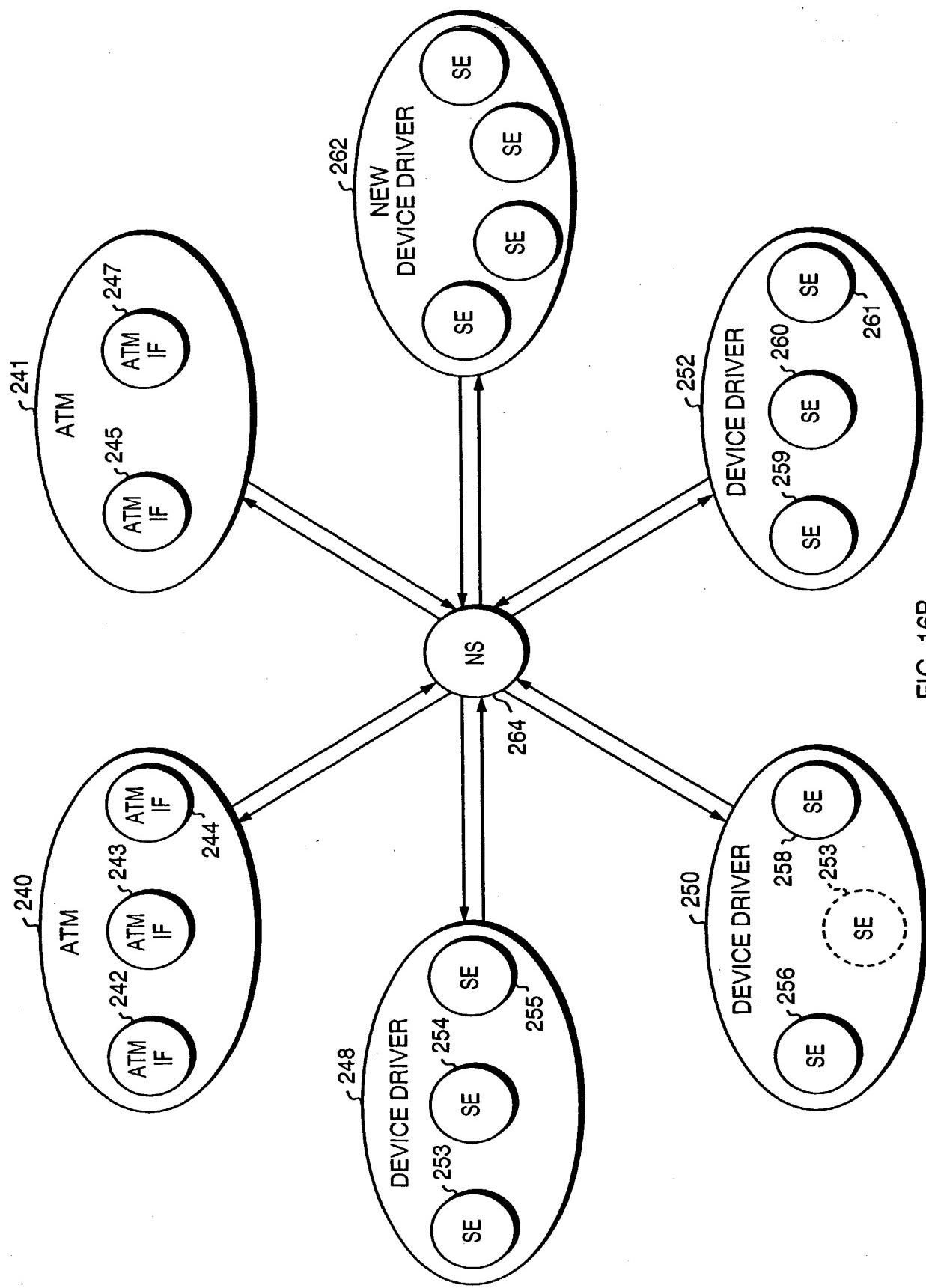


FIG. 16B

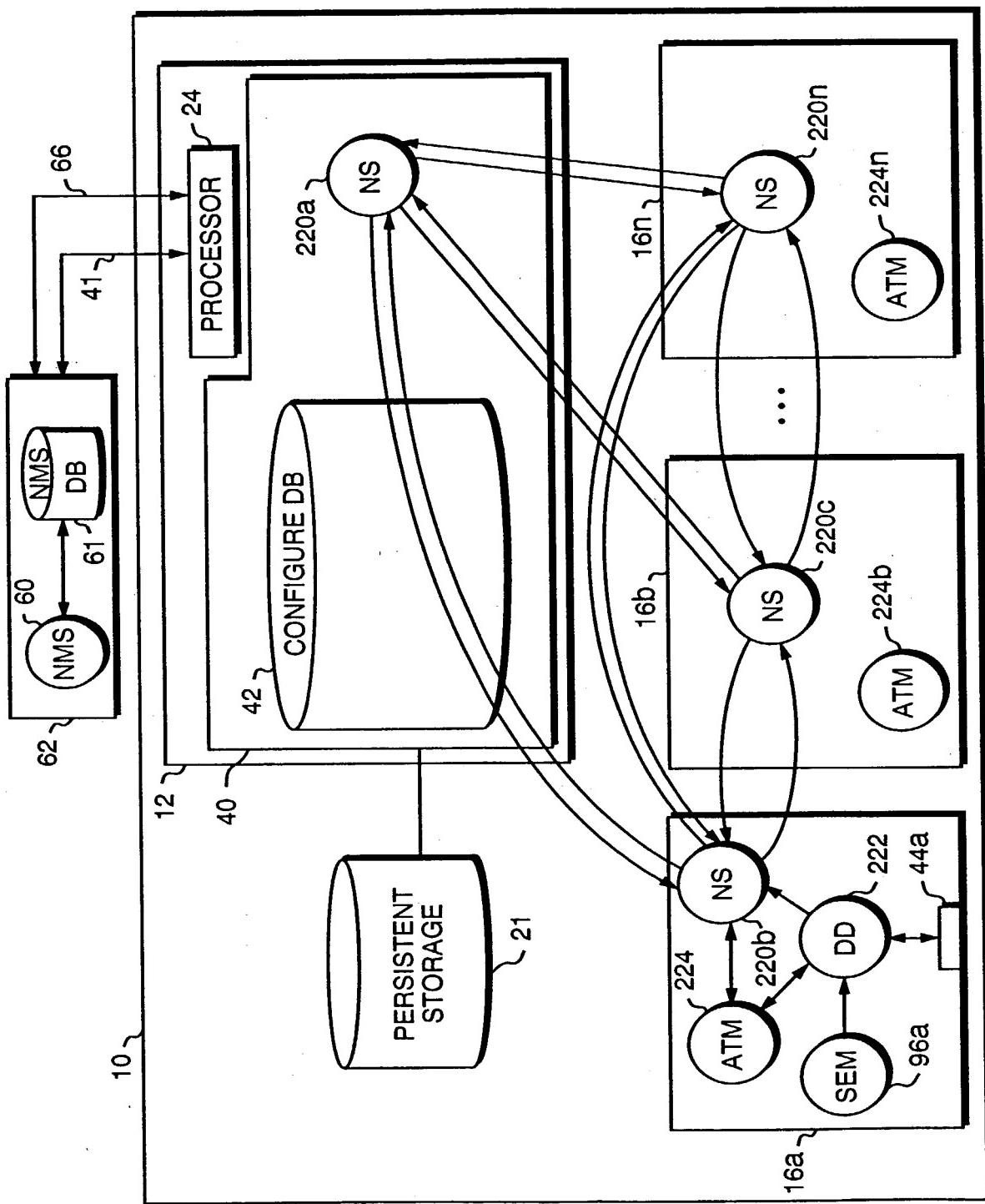


FIG. 16C

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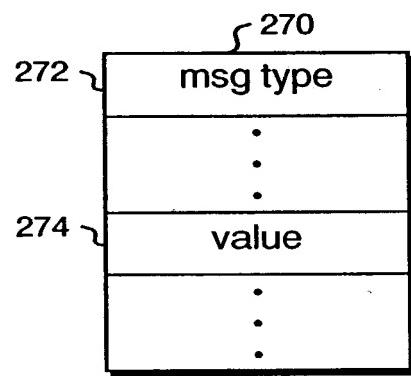


FIG. 16D

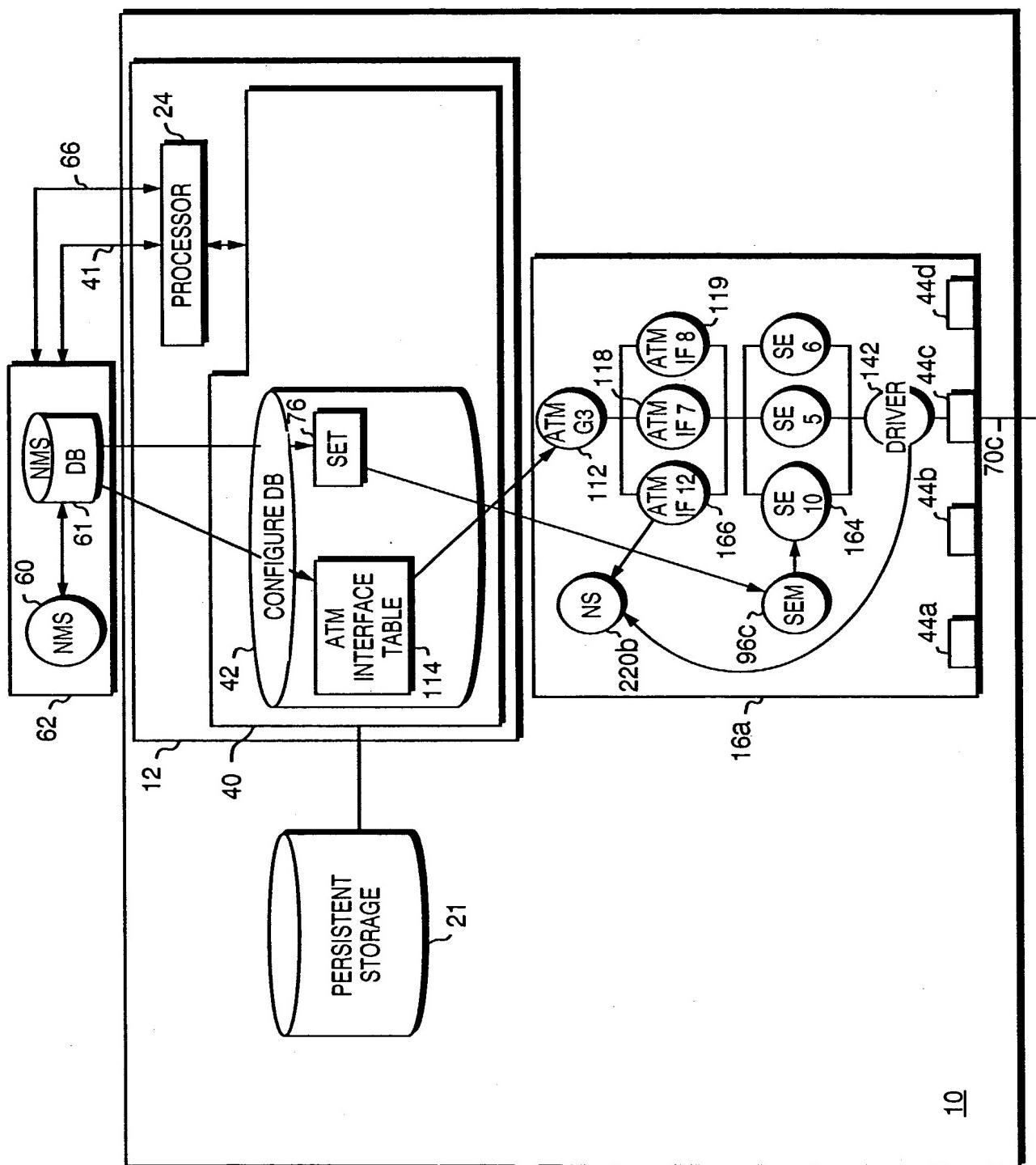
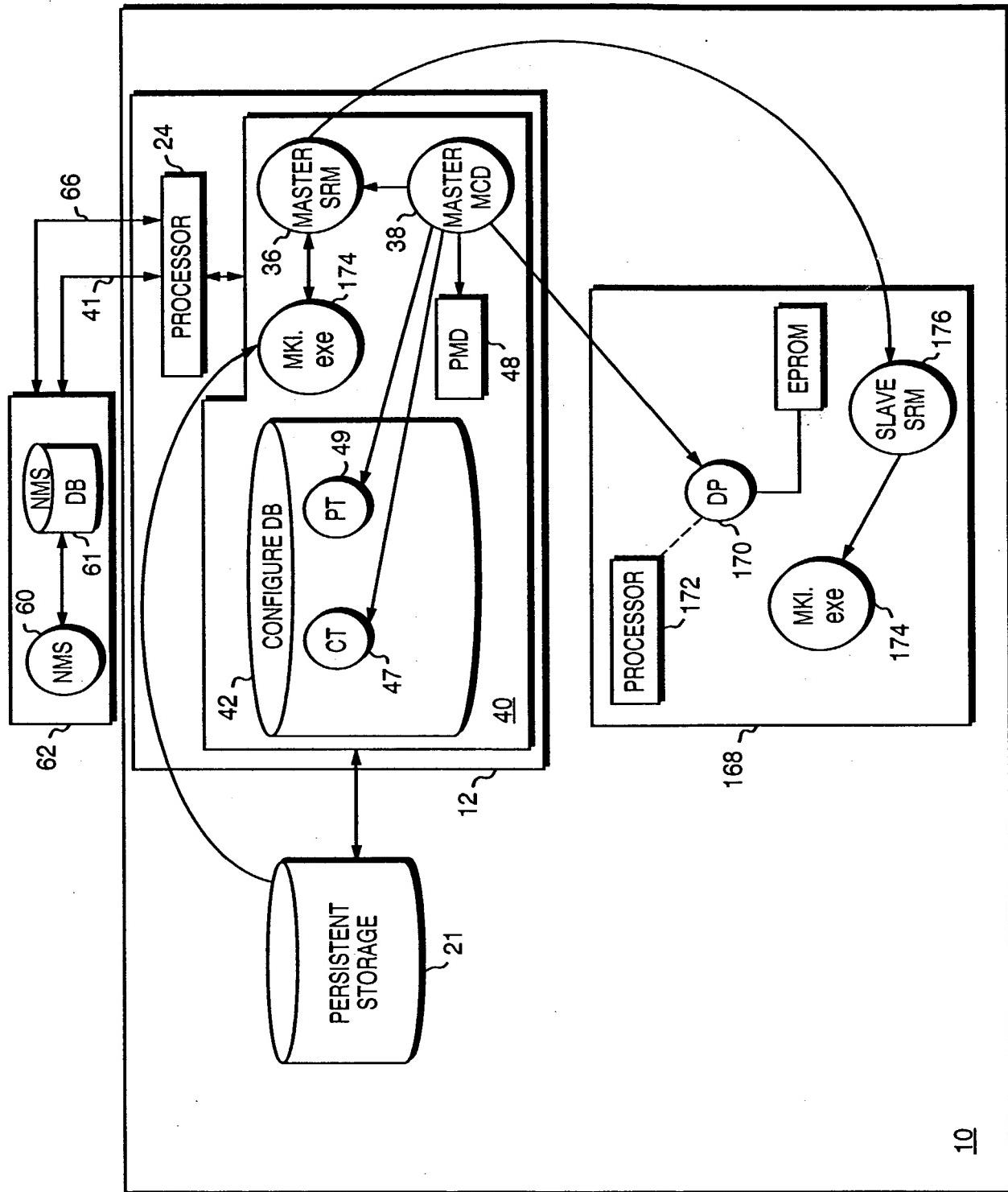


FIG. 17



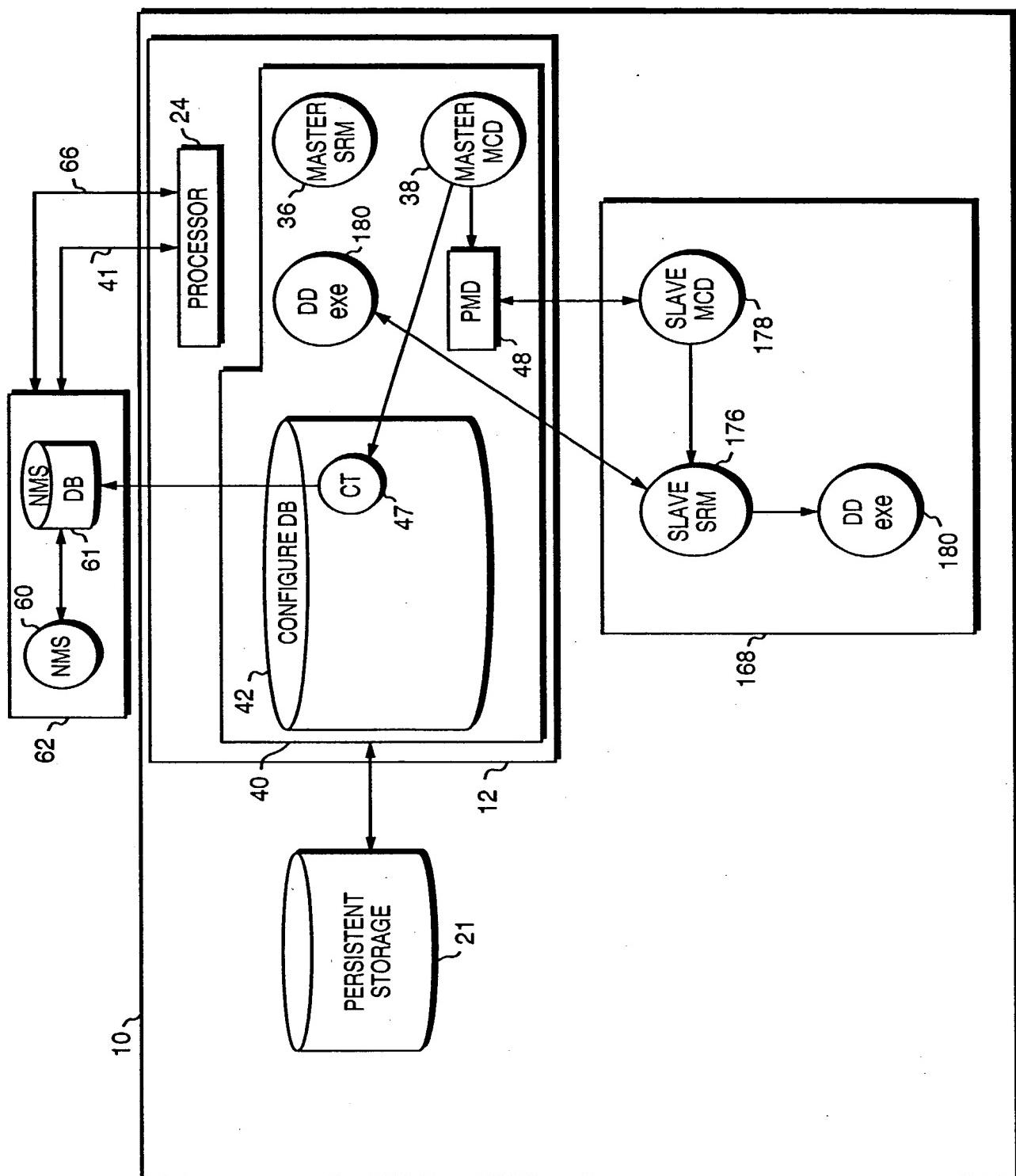


FIG. 19

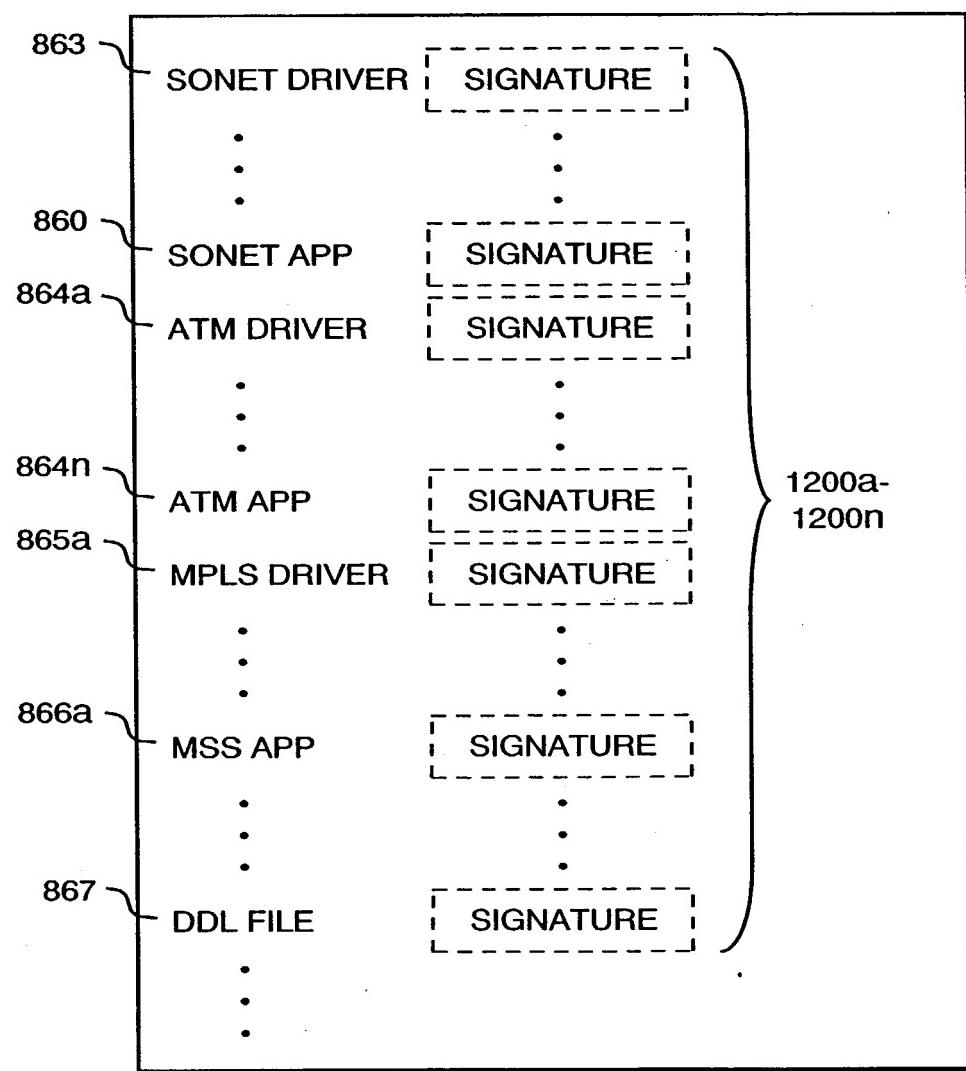
PACKAGING LIST 1200

FIG. 20A

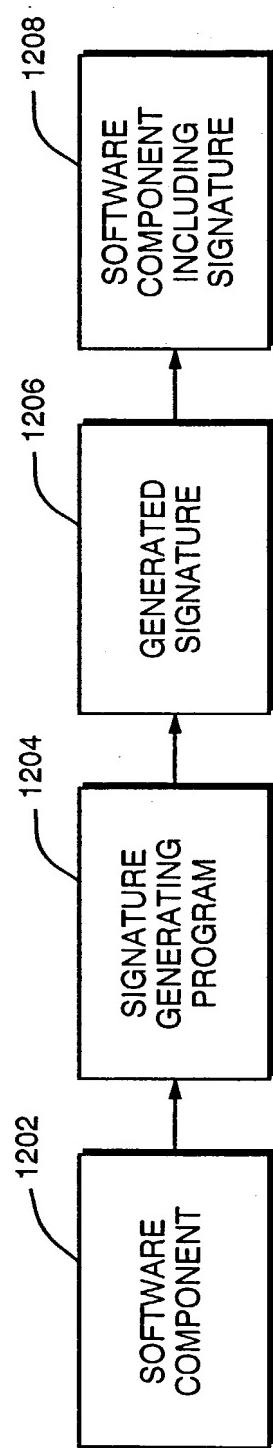


FIG. 20B

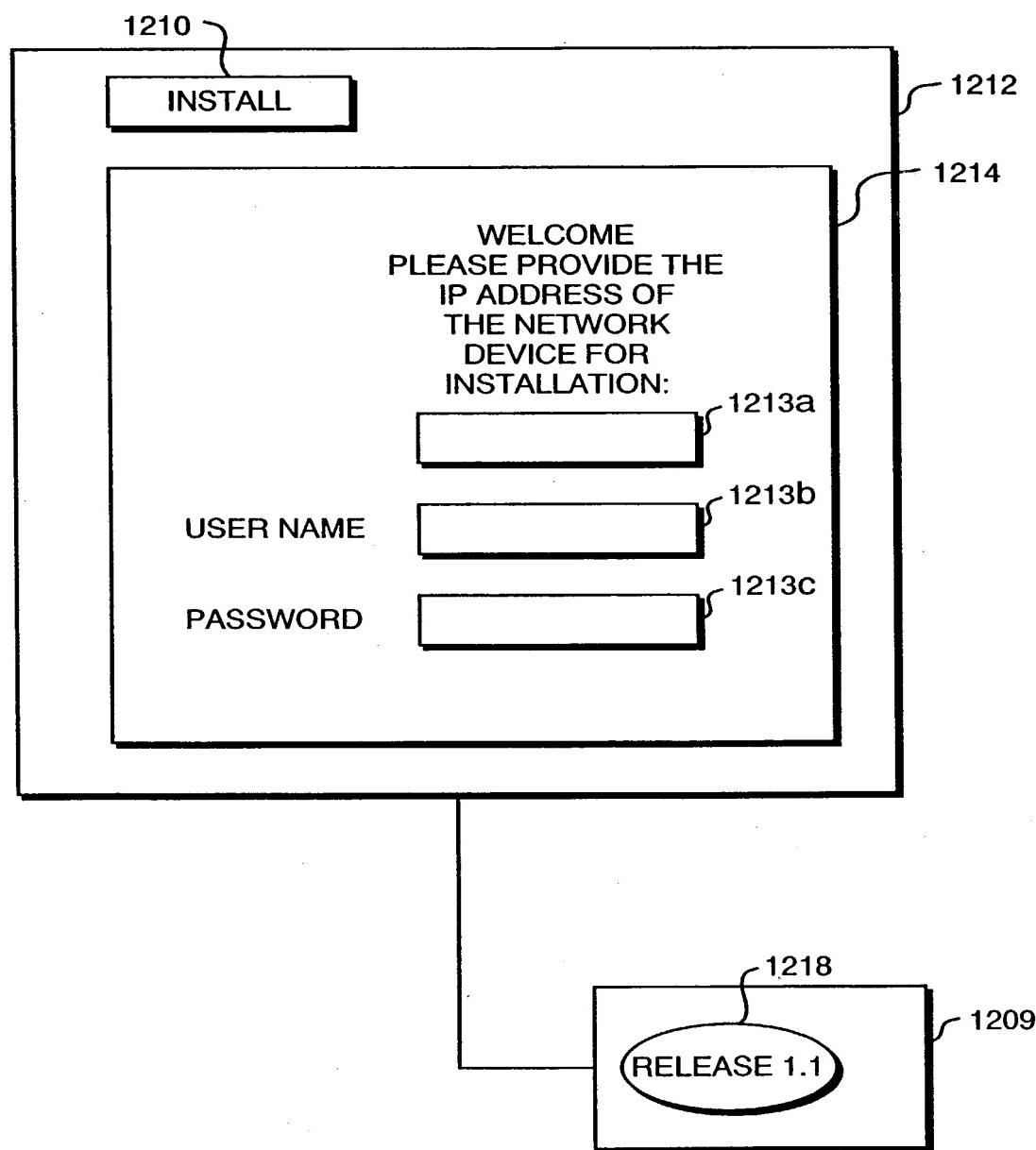


FIG. 20C

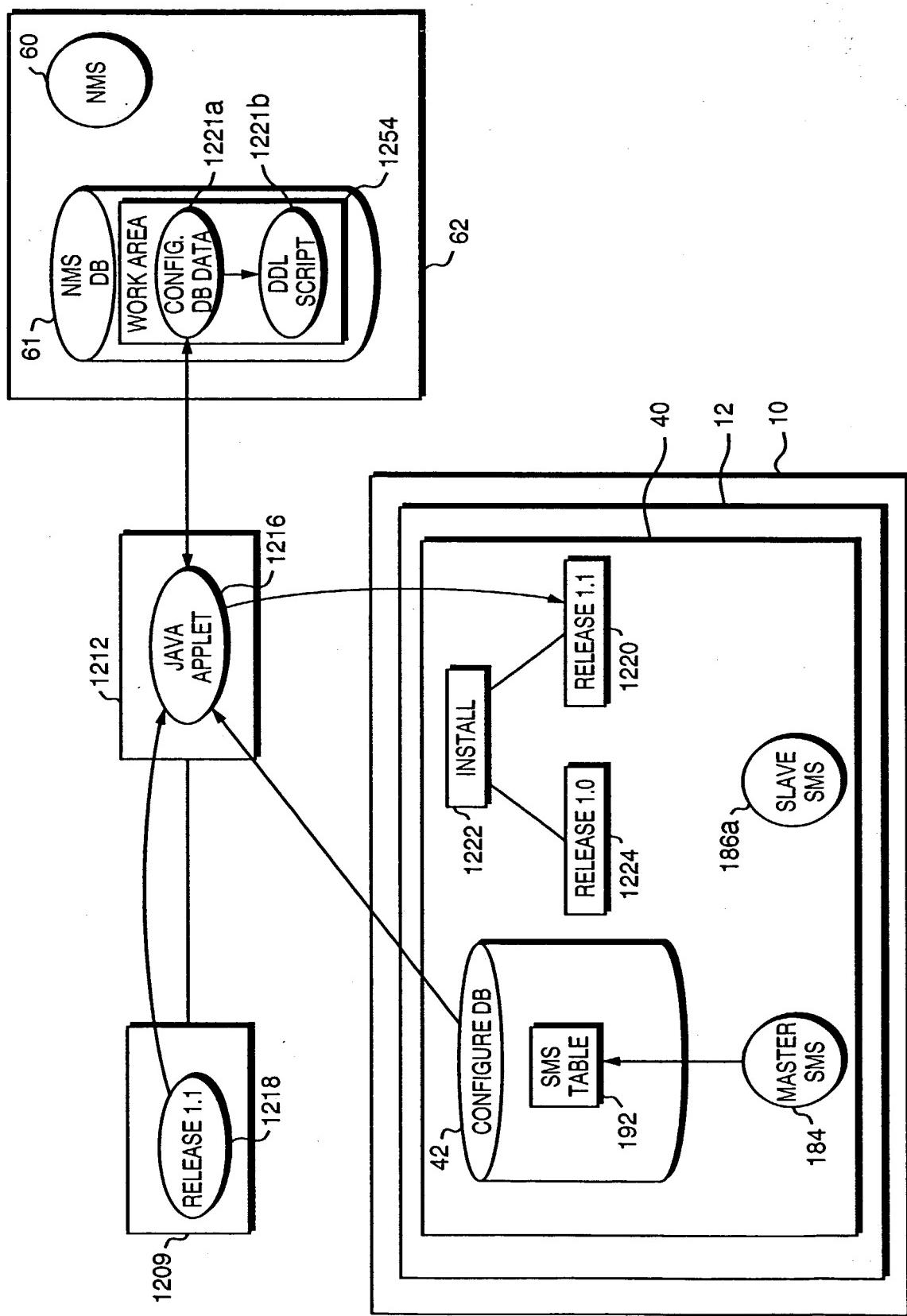


FIG. 20D

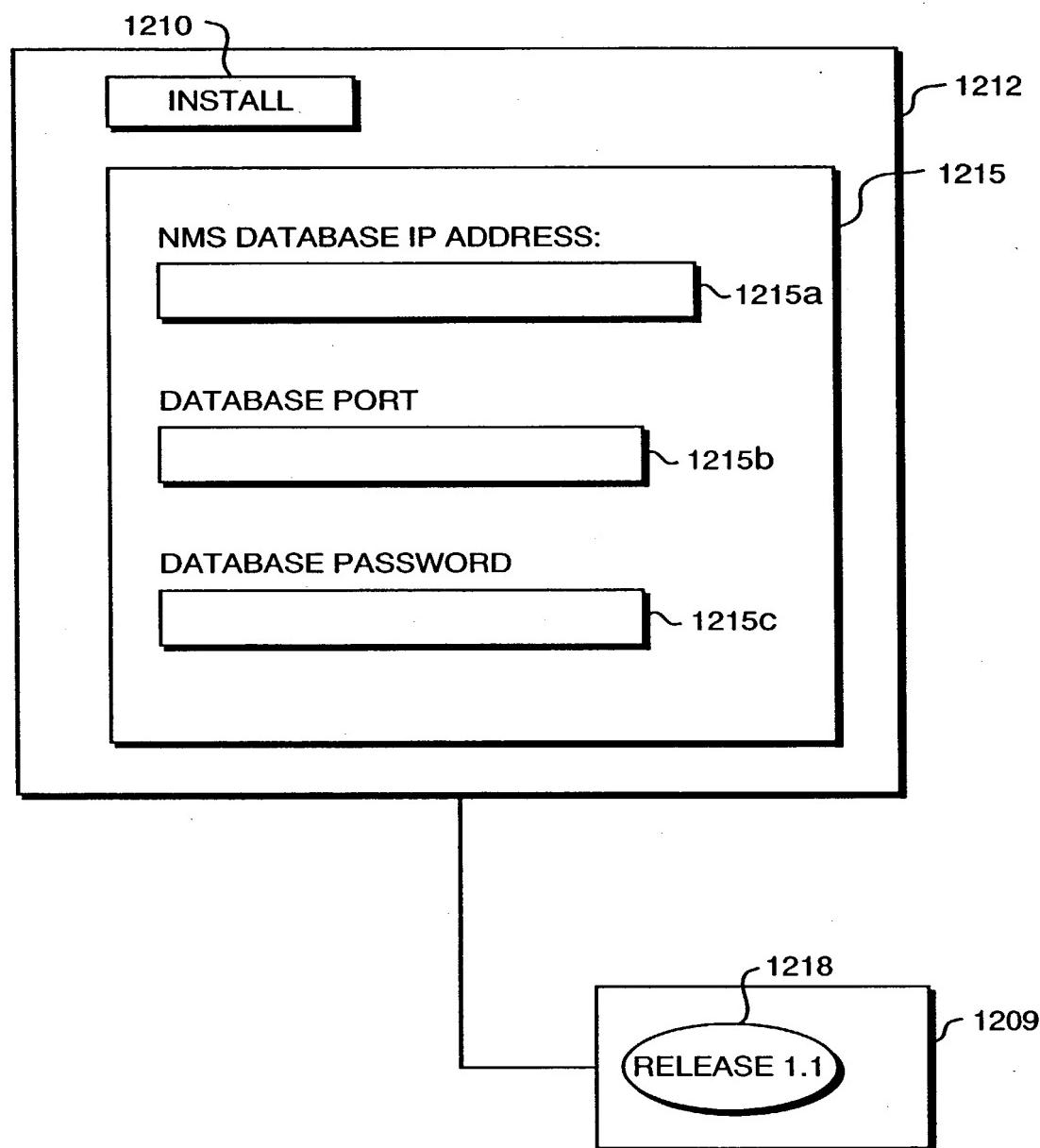


FIG. 20E

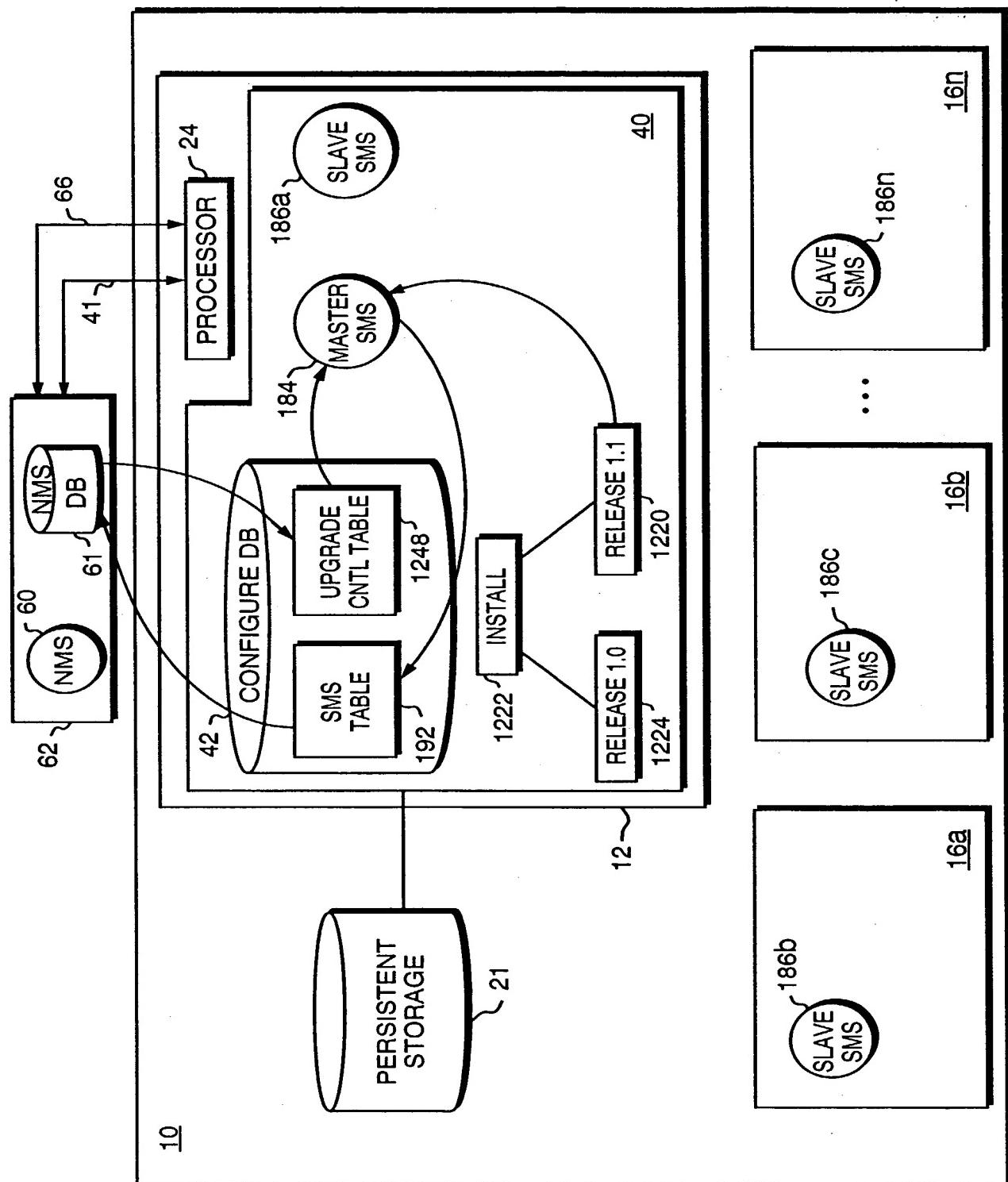


FIG. 21A

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SMS TABLE 192

	1226	1228	1230	
1227	IMAGE LID	VERIFICATION STATUS	UPGRADE MODES	...
	9623	PASSED	x2348	...
	•	•	•	•
	•	•	•	•
	•	•	•	•

FIG. 21B

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102689-85 2025 RELEASE UNDER E.O. 14176

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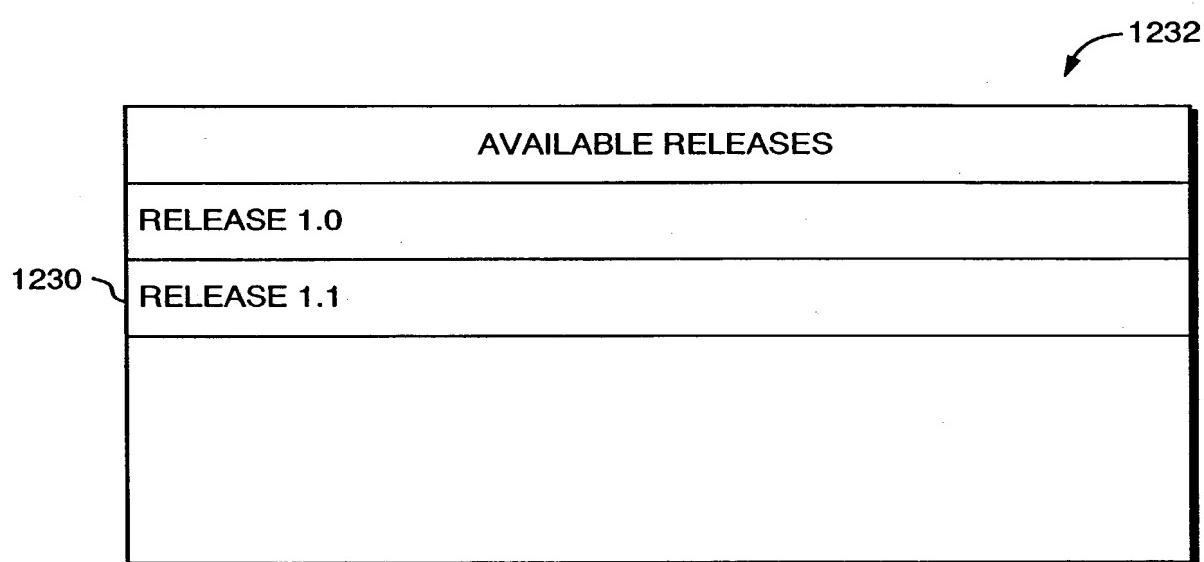


FIG. 21C

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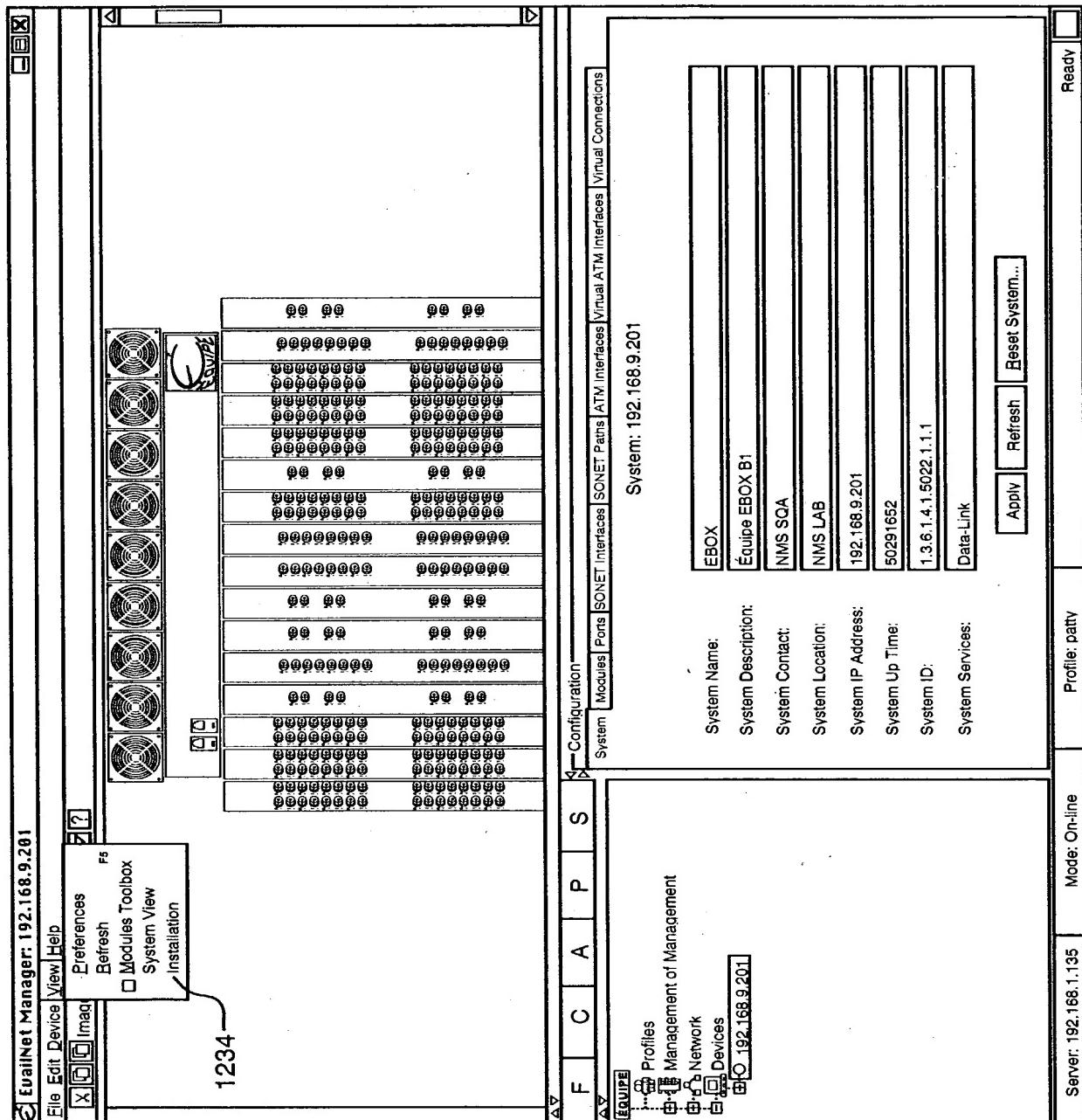


FIG. 21D

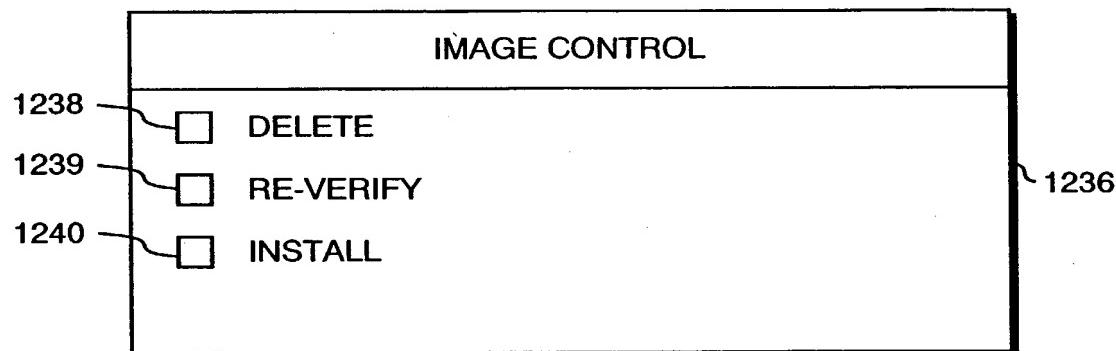


FIG. 21E

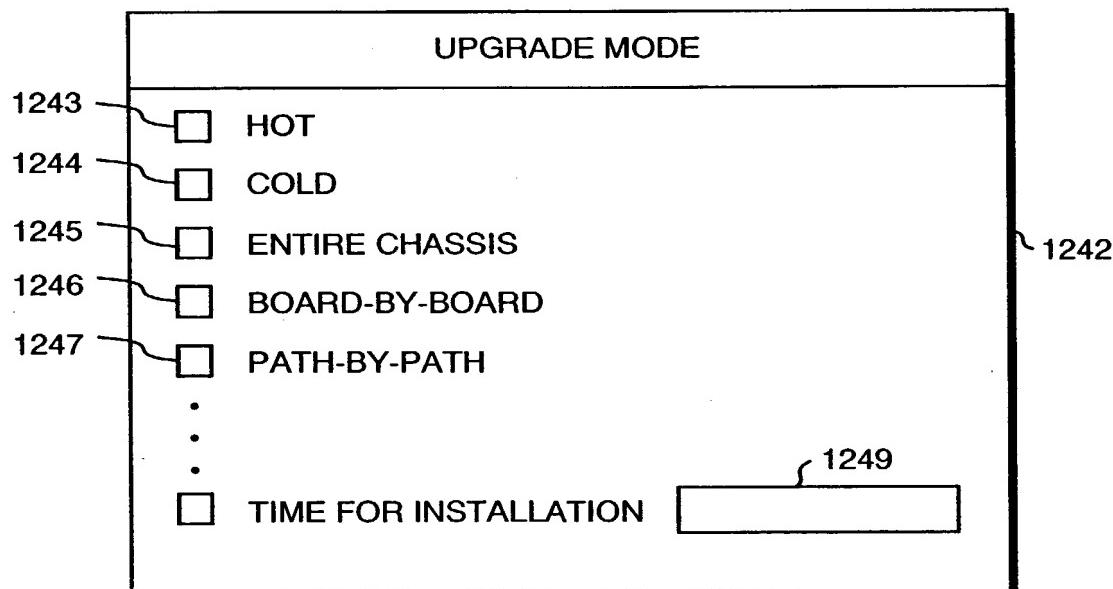


FIG. 21F

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UPGRADE CONTROL TABLE 1248

	IMAGE LID	COMMAND	TIME FOR INSTALLATION	STATUS	...
1250	9623	X2344			...
1251	•	•	•	•	•
	•	•	•	•	•
	•	•	•	•	•

FIG. 21G

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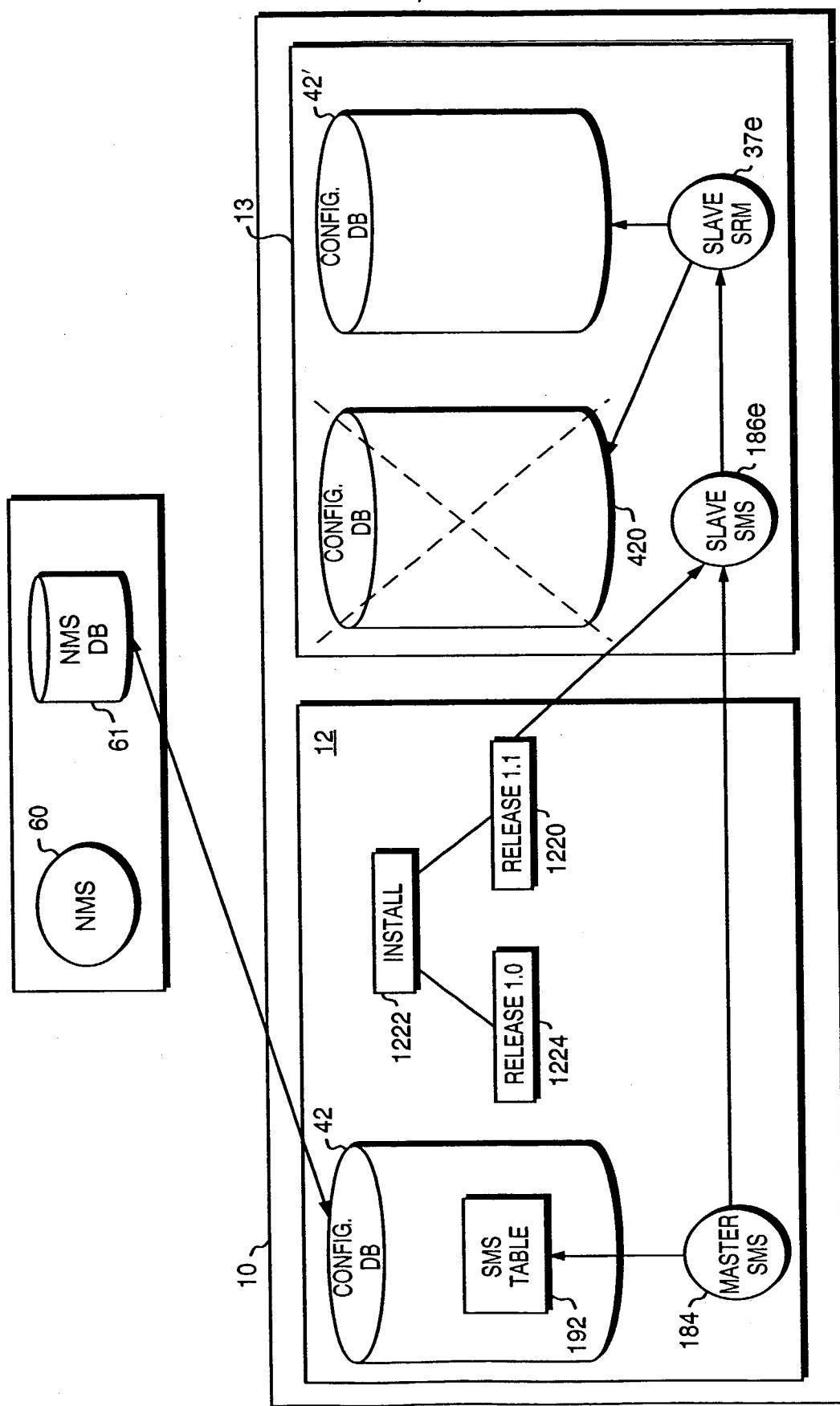


FIG. 22

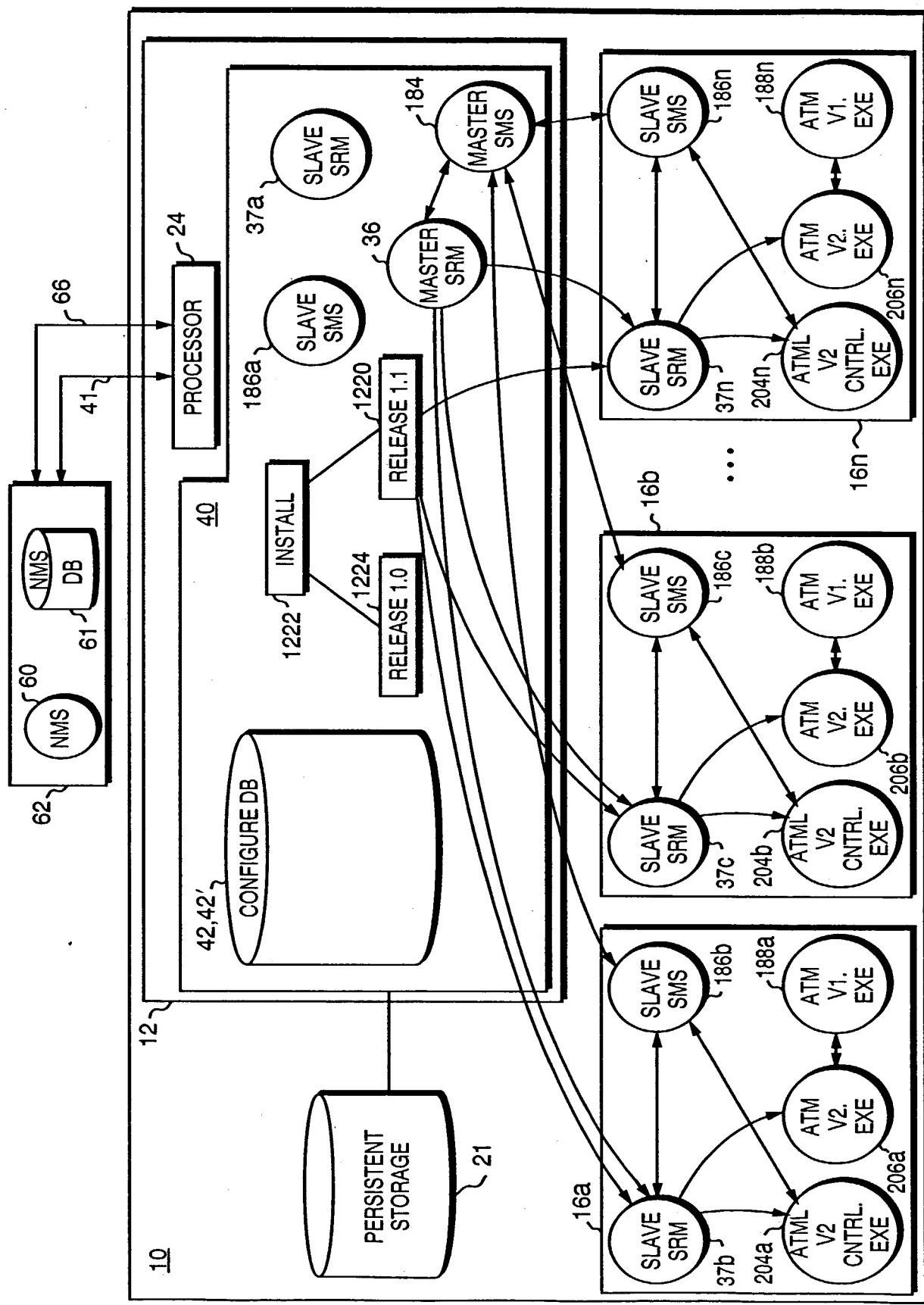


FIG. 23

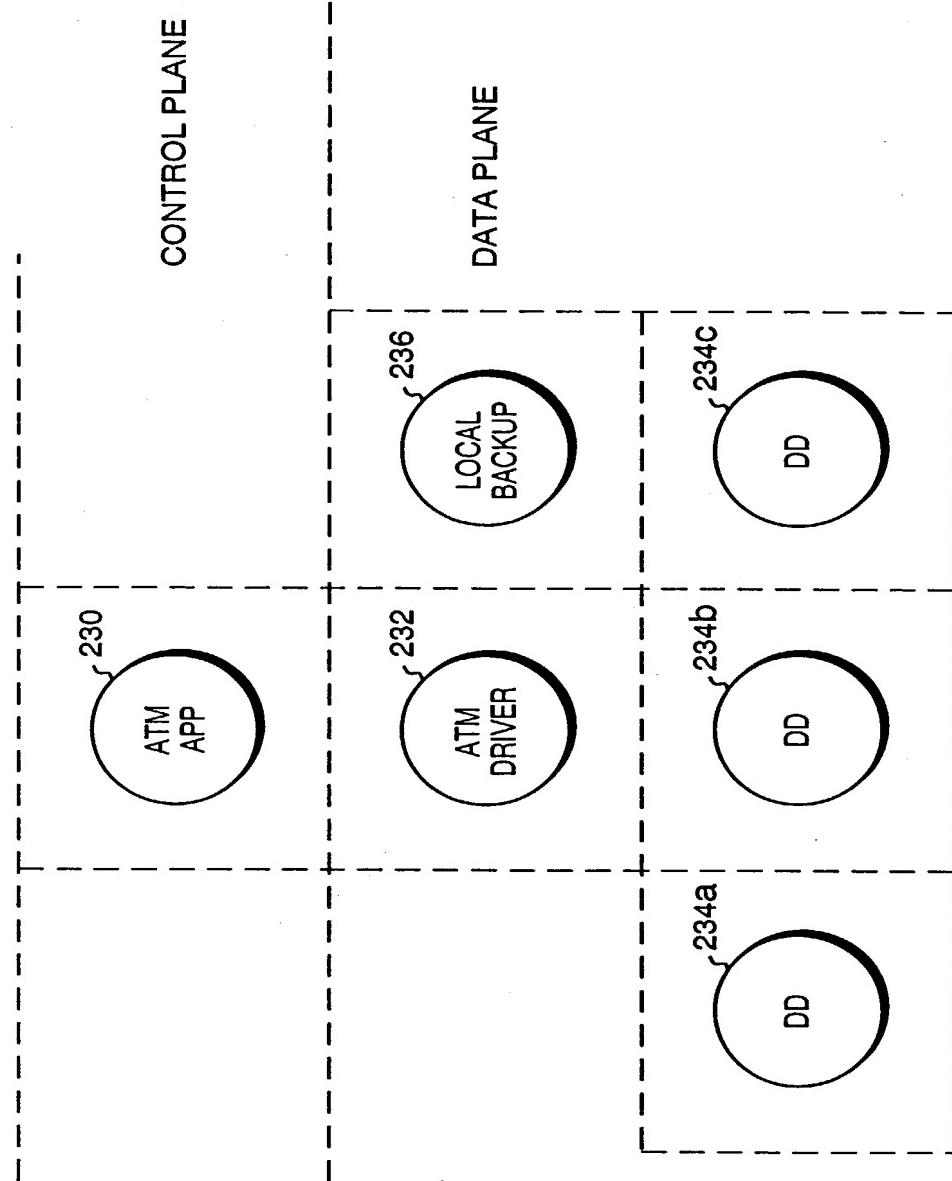


FIG. 24

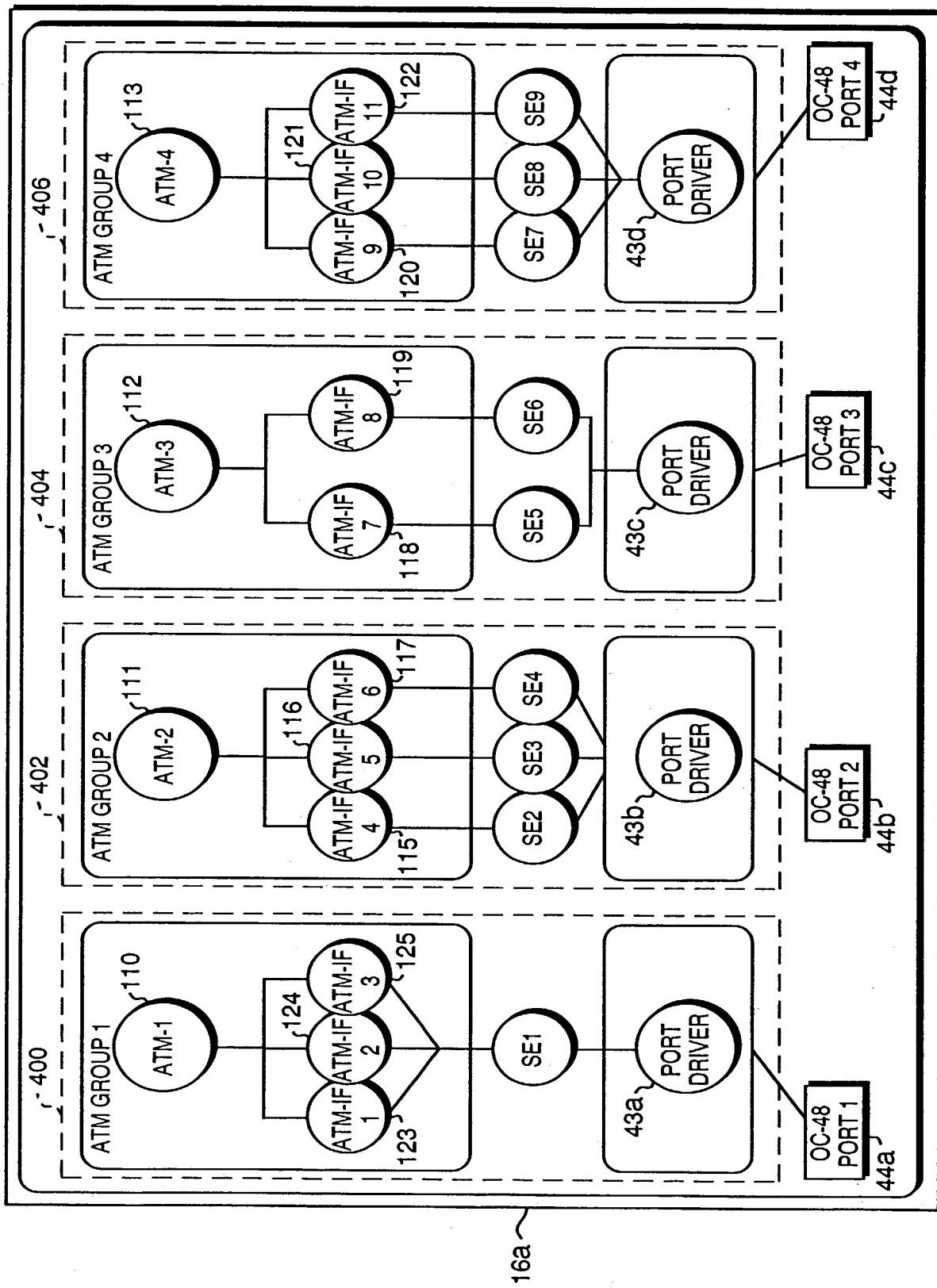


FIG. 25

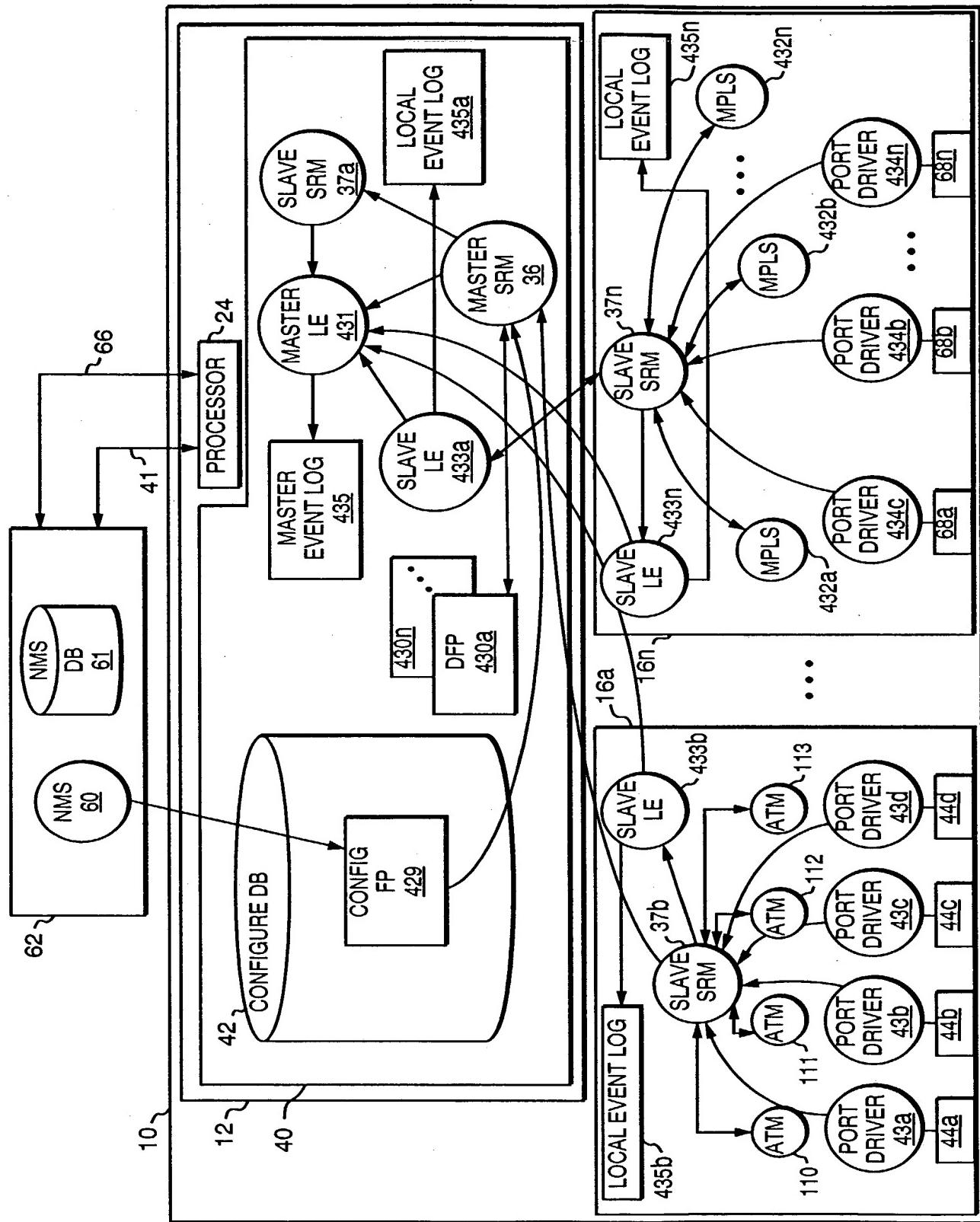


FIG. 26

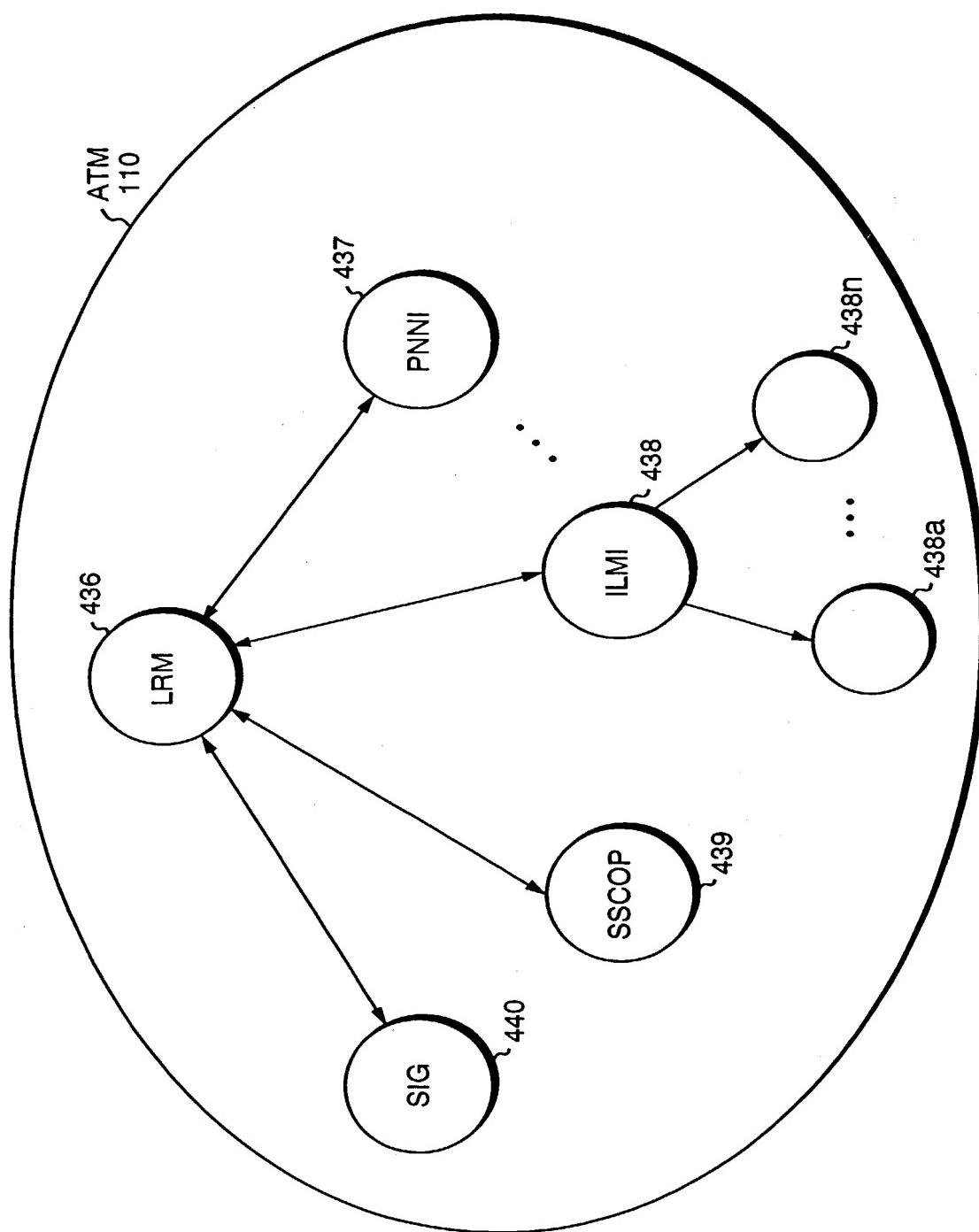


FIG. 27

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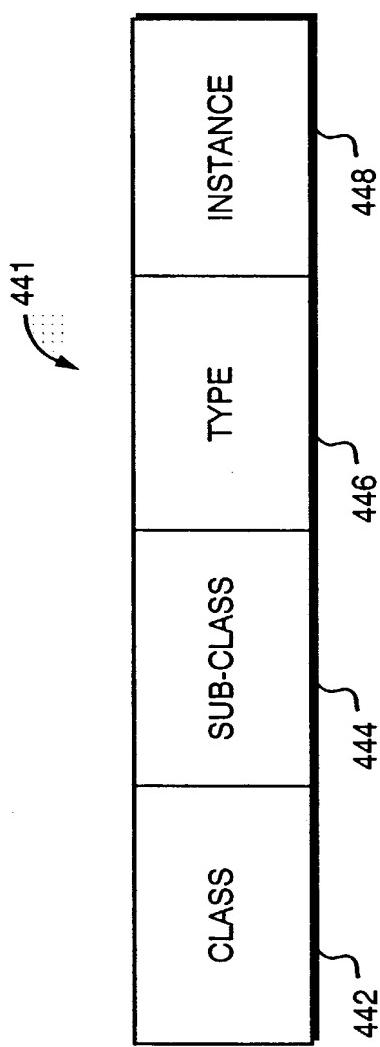
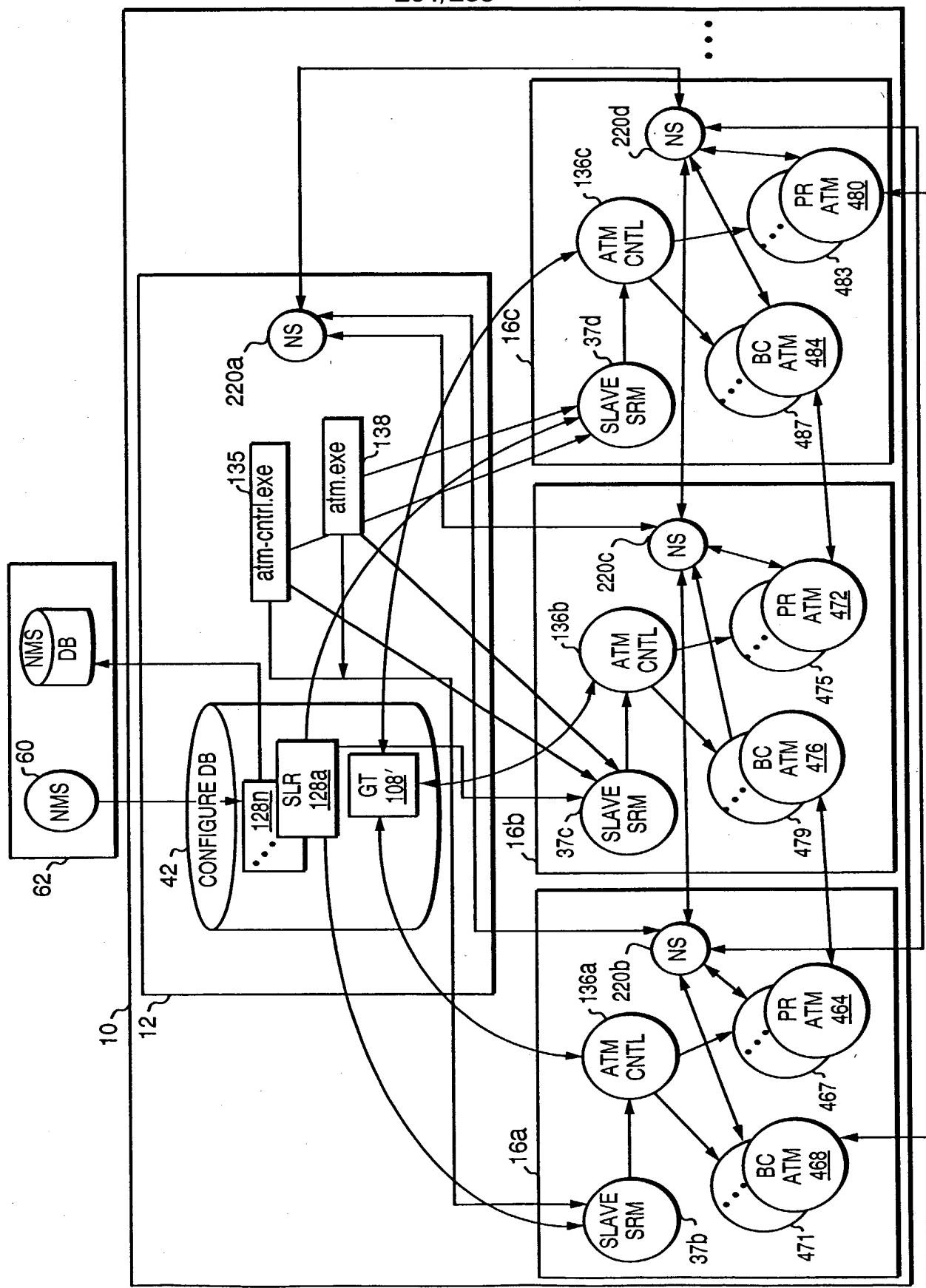


FIG. 28



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GROUP TABLE 108'

	GROUP #	PRIMARY CARD LID	BACKUP CARD LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	⋮	⋮	⋮	⋮

FIG. 30

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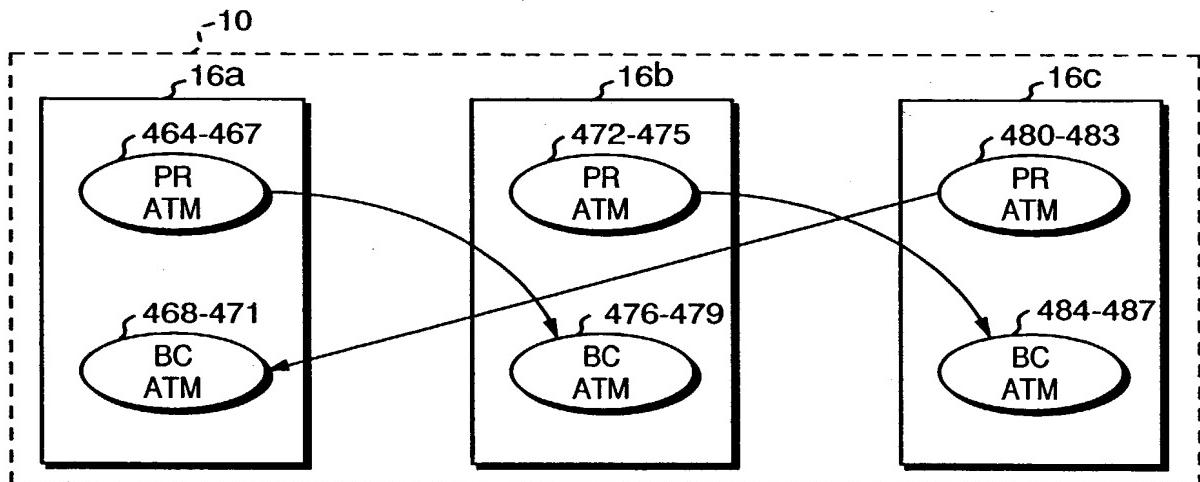


FIG. 31A

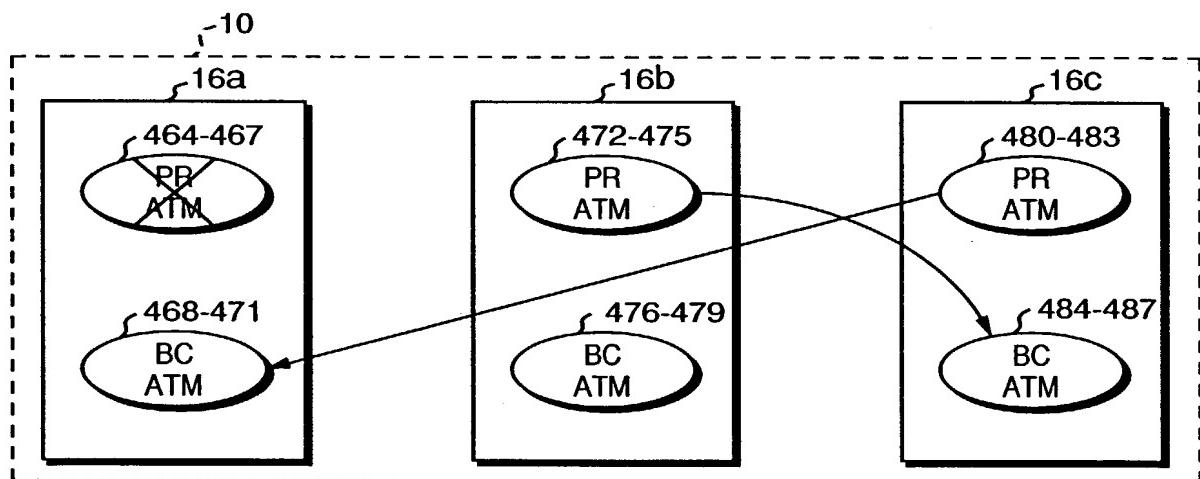


FIG. 31B

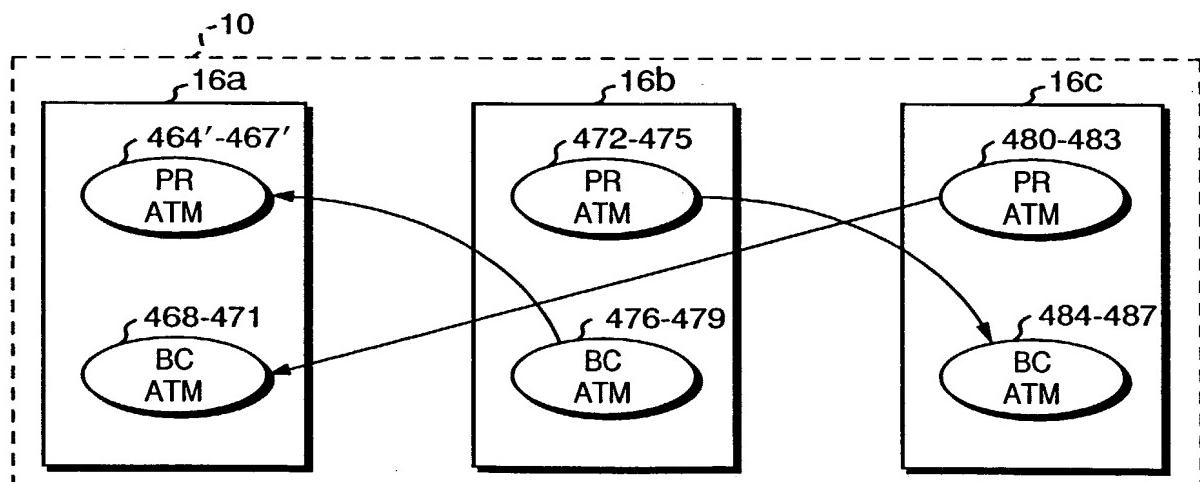


FIG. 31C

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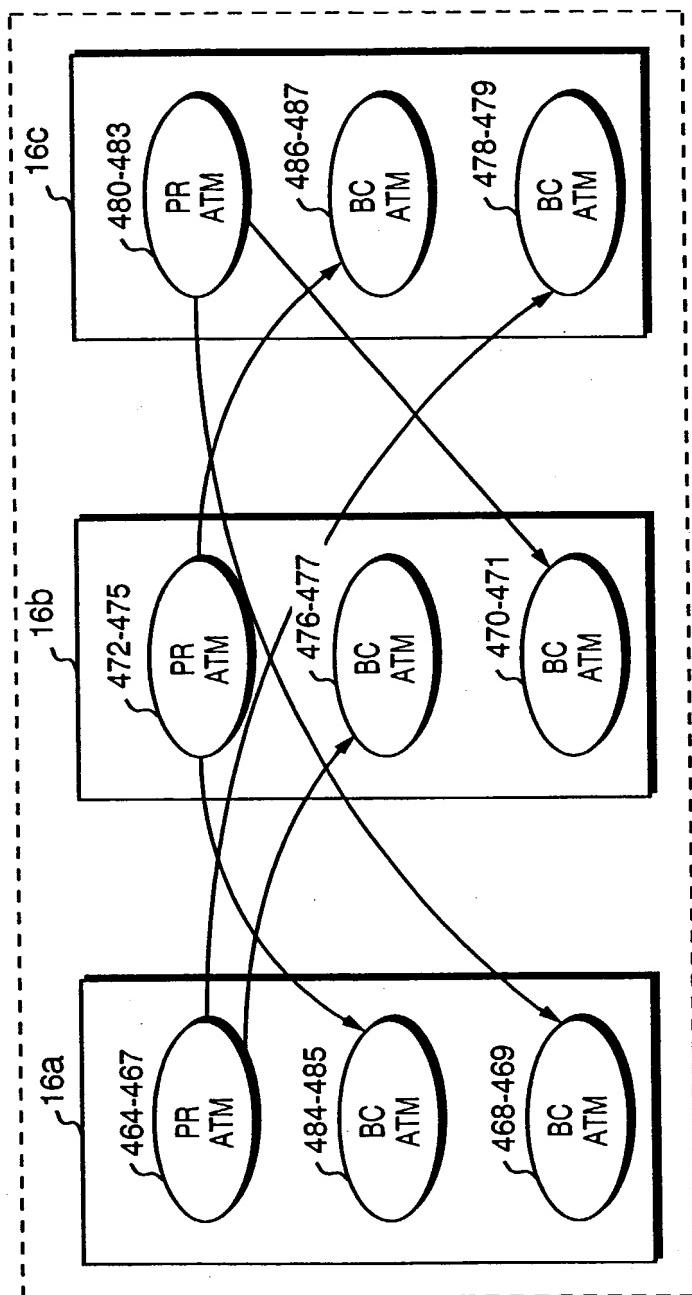


FIG. 32A

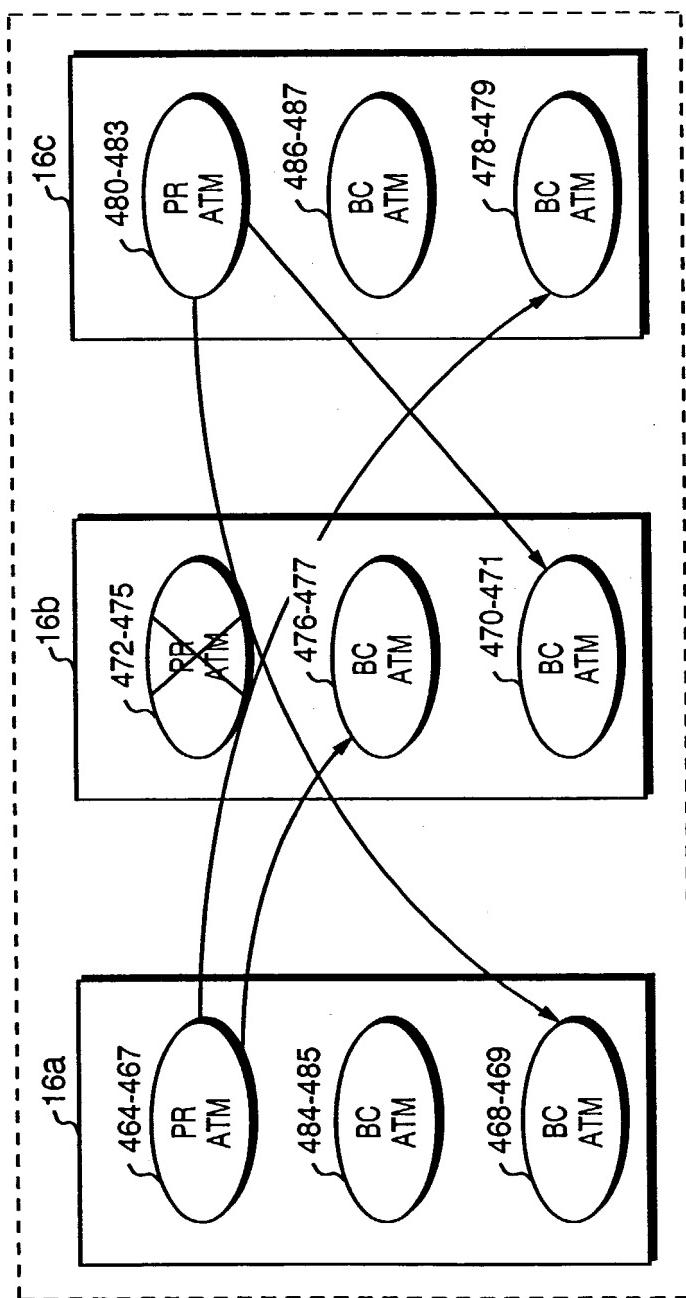


FIG. 32B

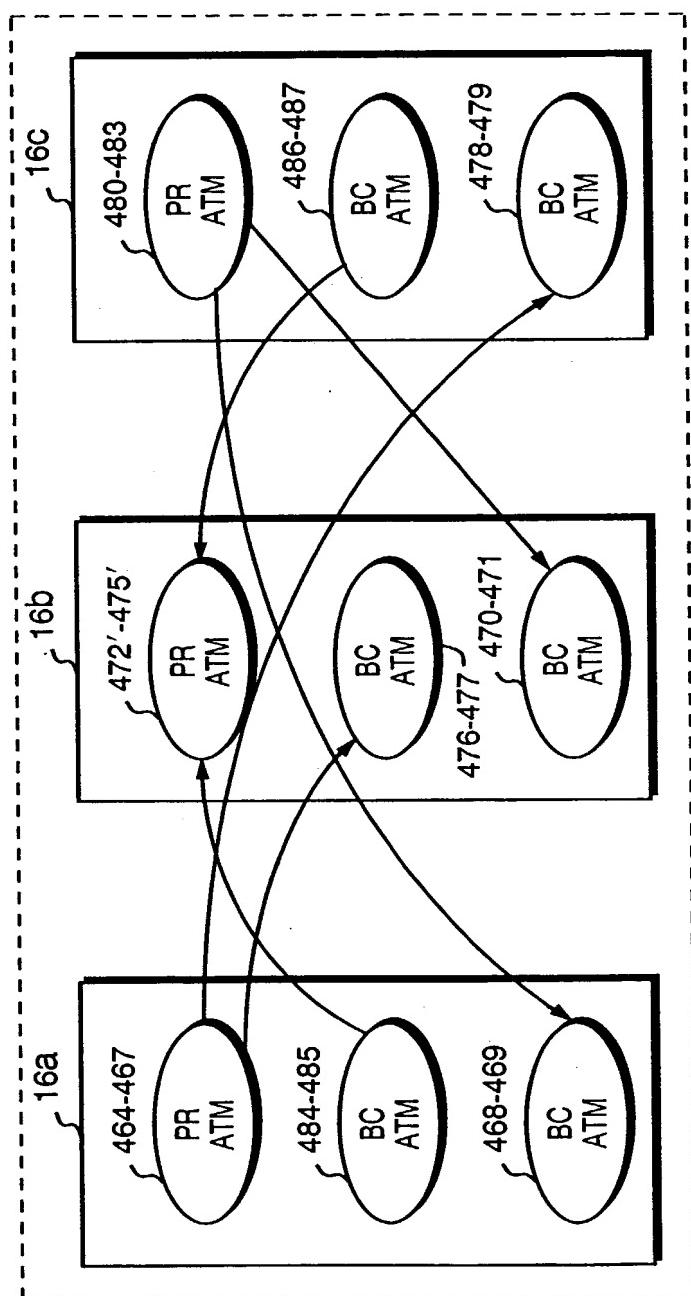


FIG. 32C

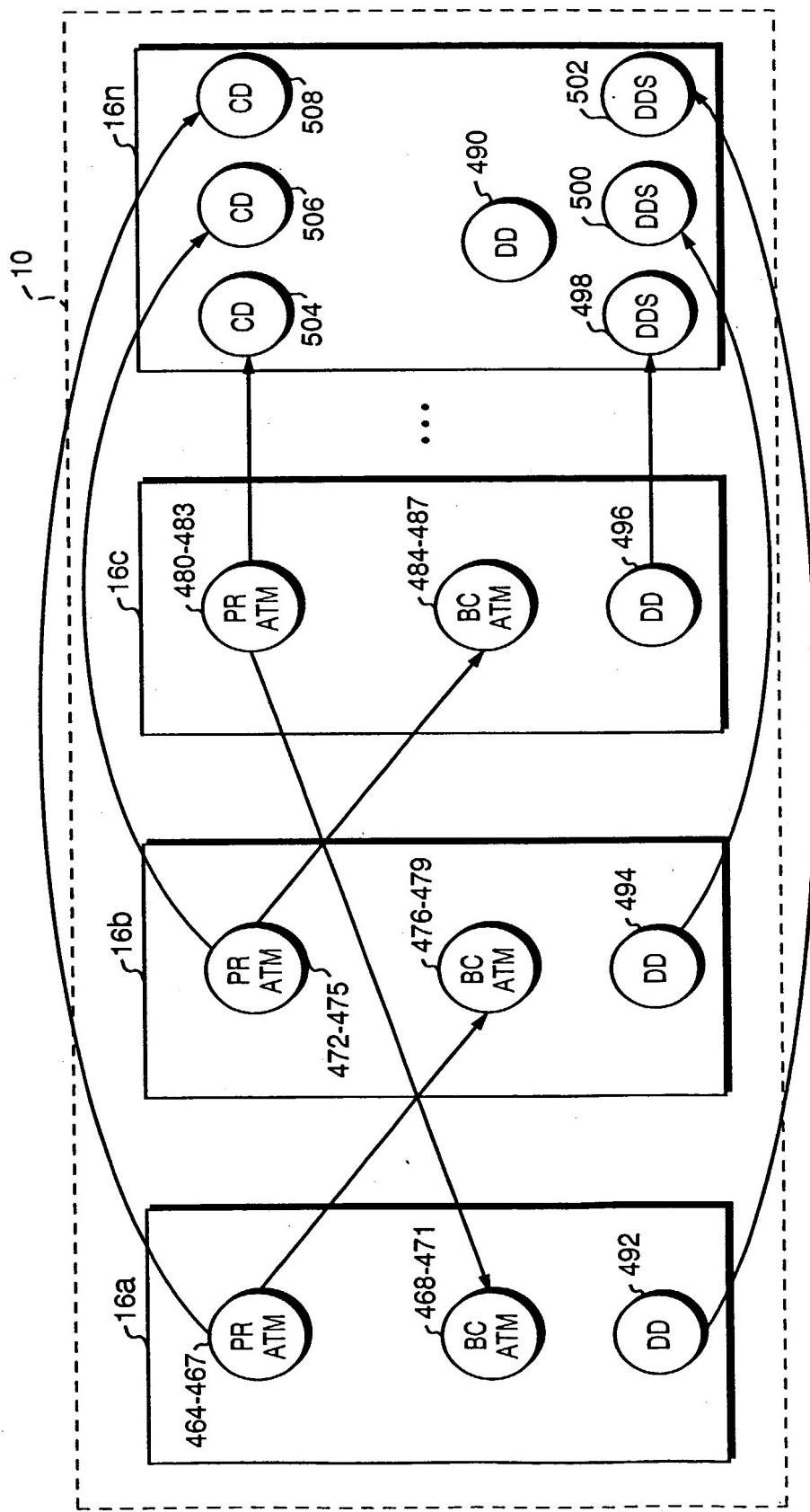


FIG. 33A

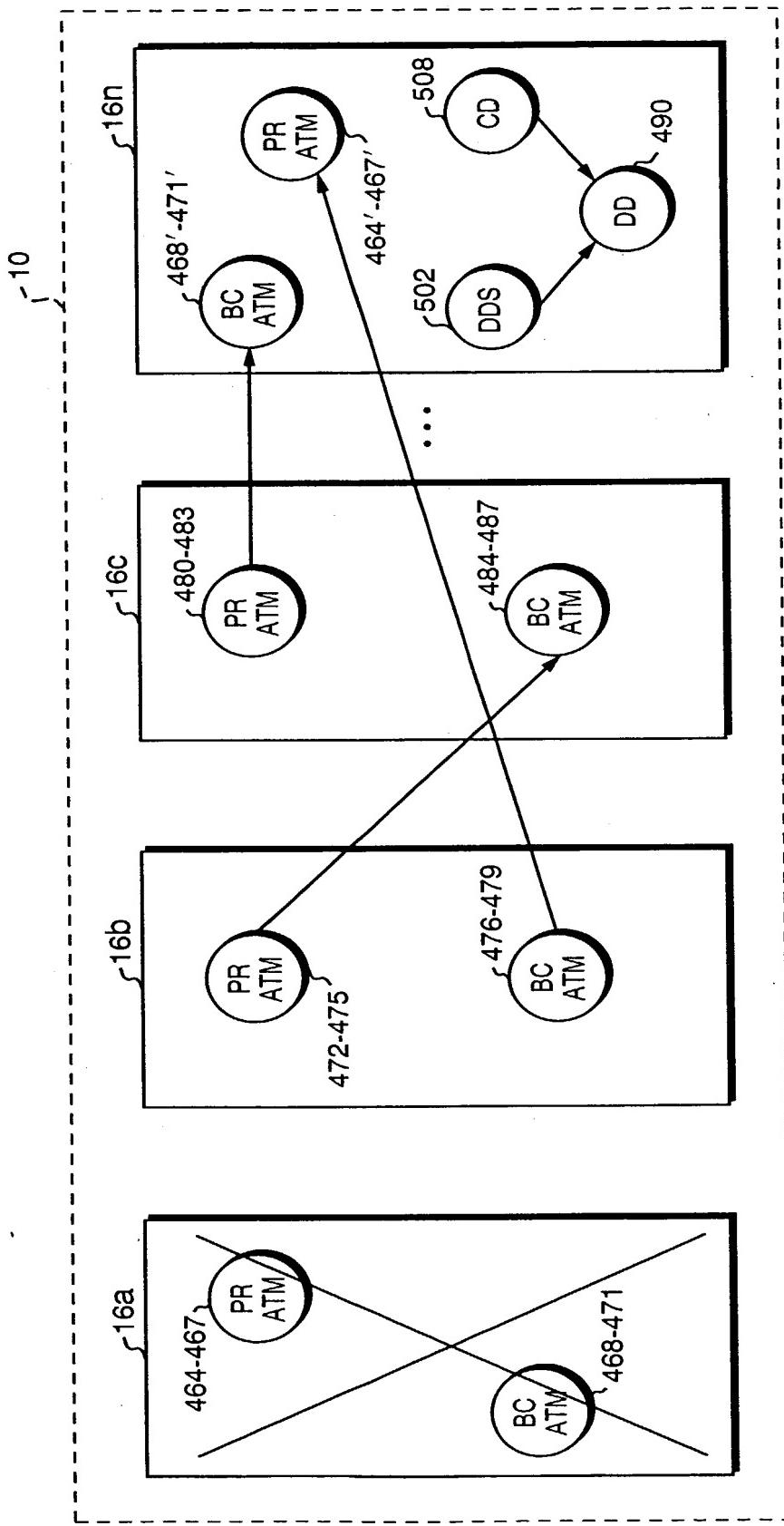


FIG. 33B

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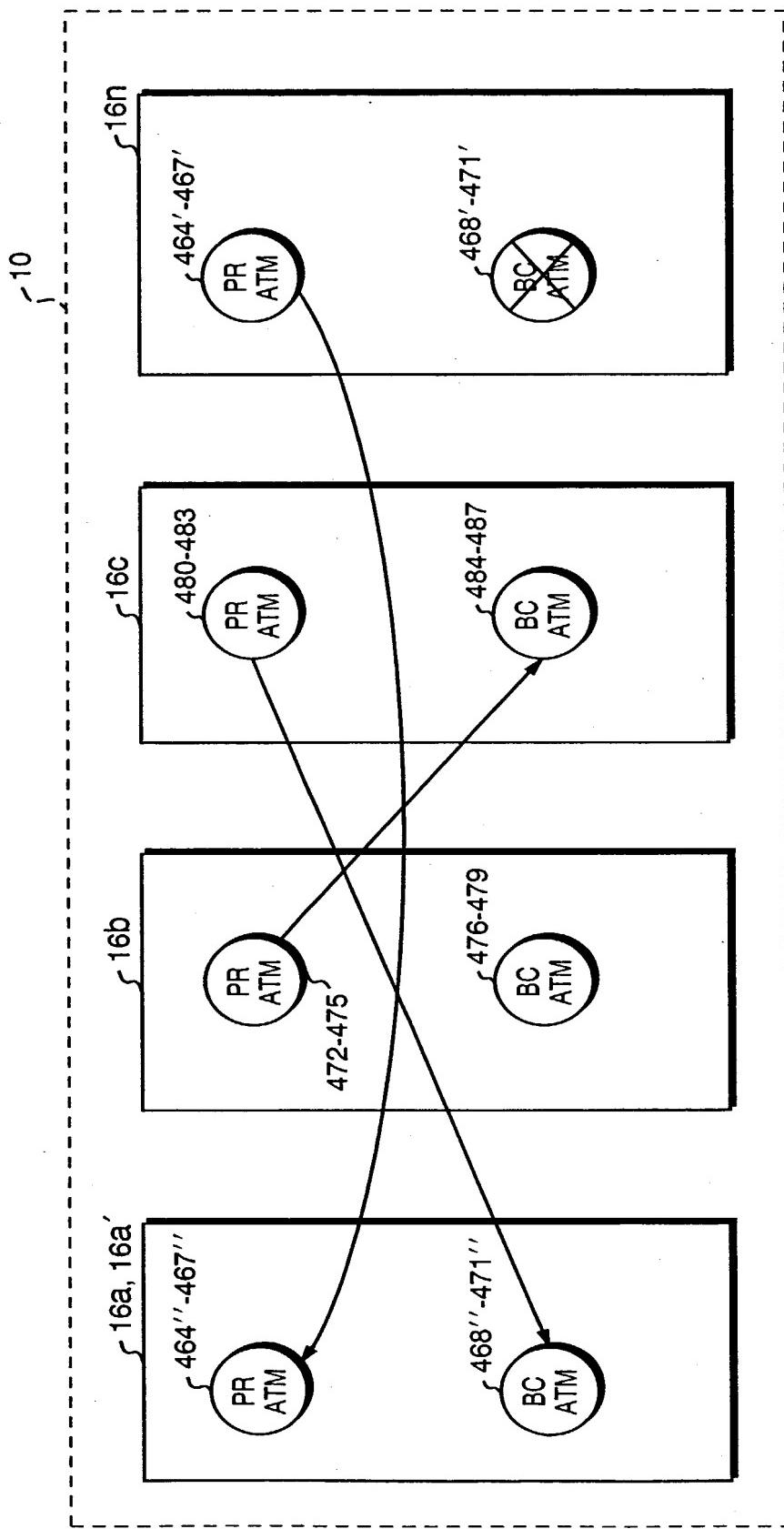


FIG. 33C

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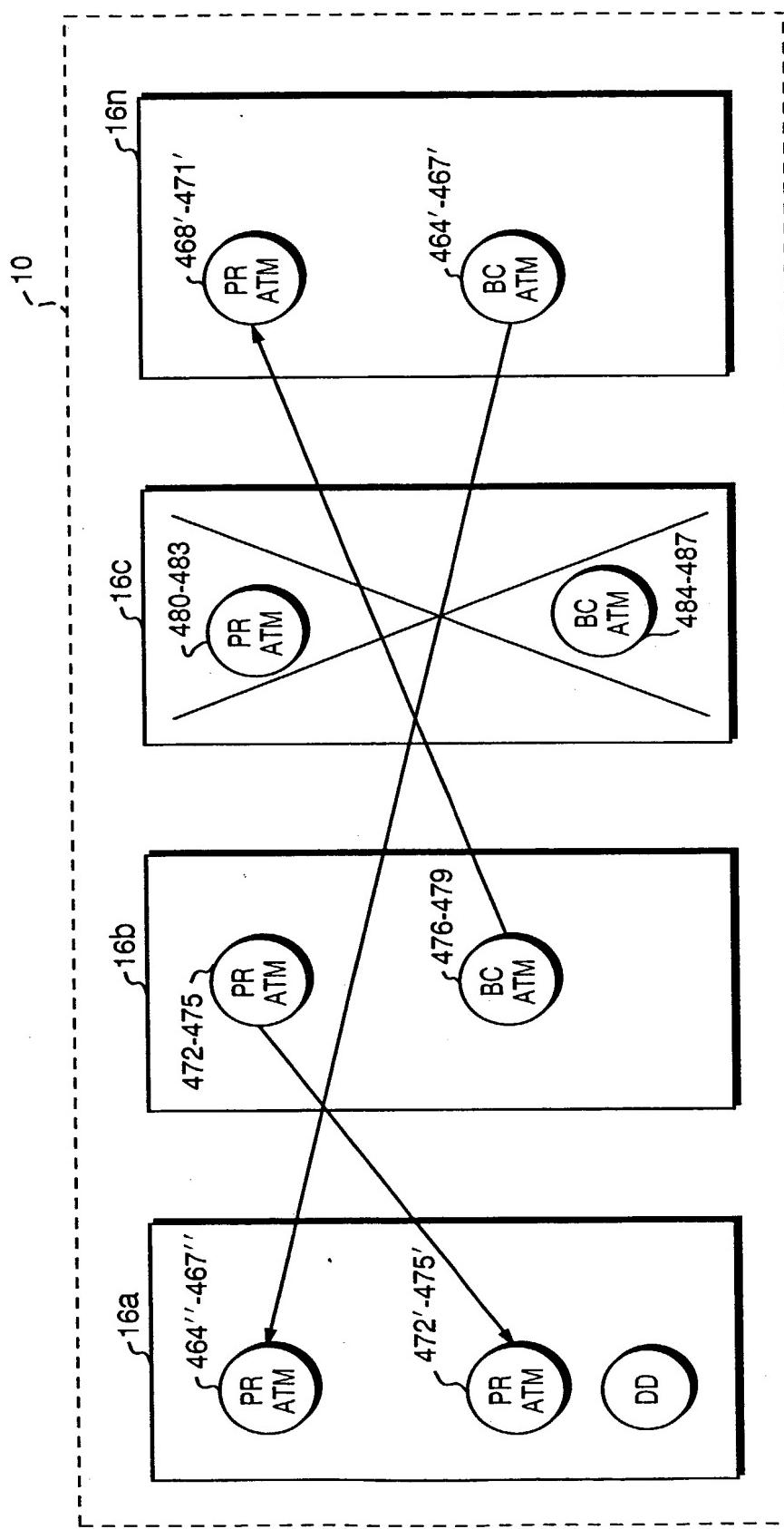


FIG. 33D

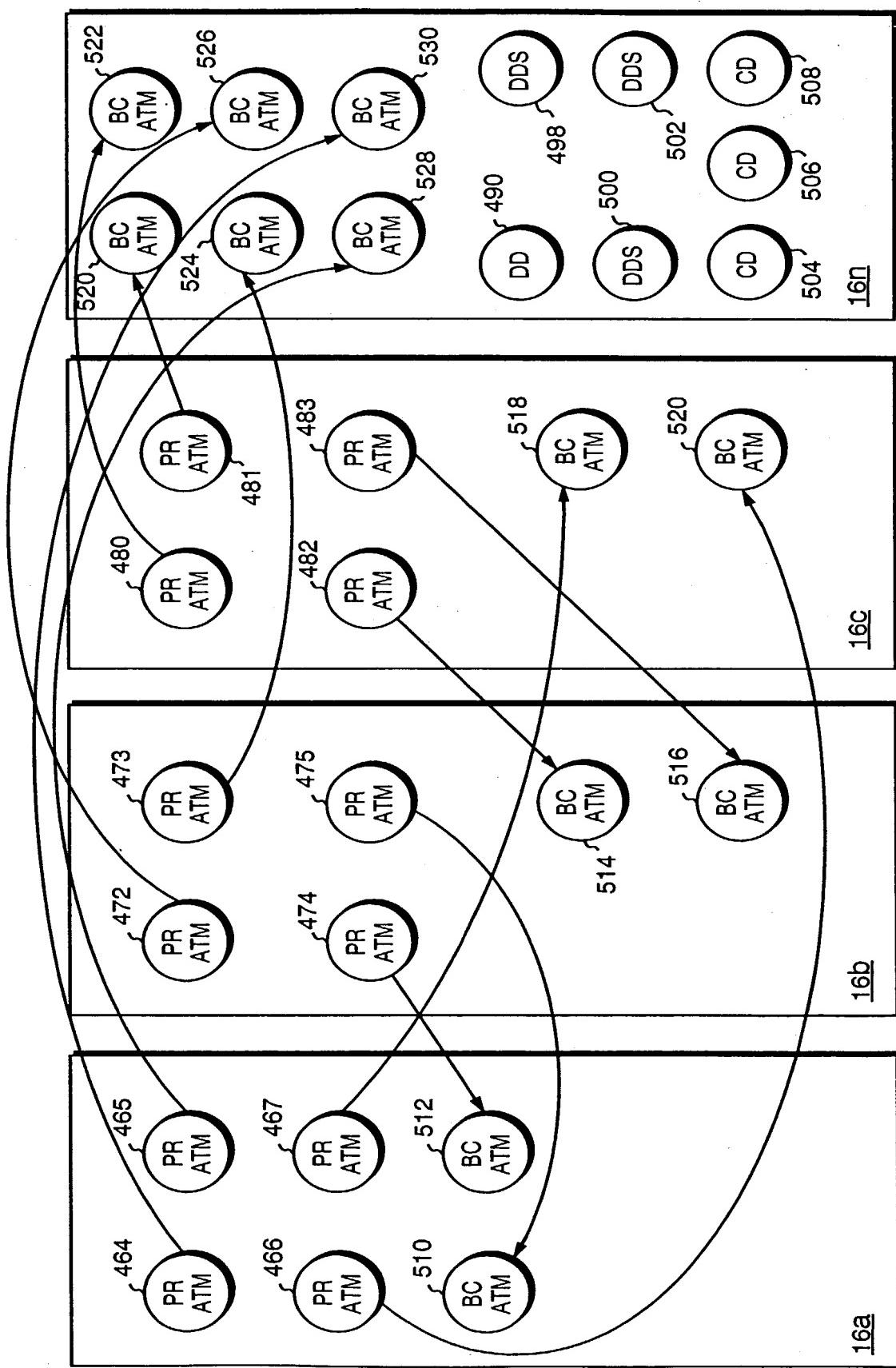


FIG. 34A

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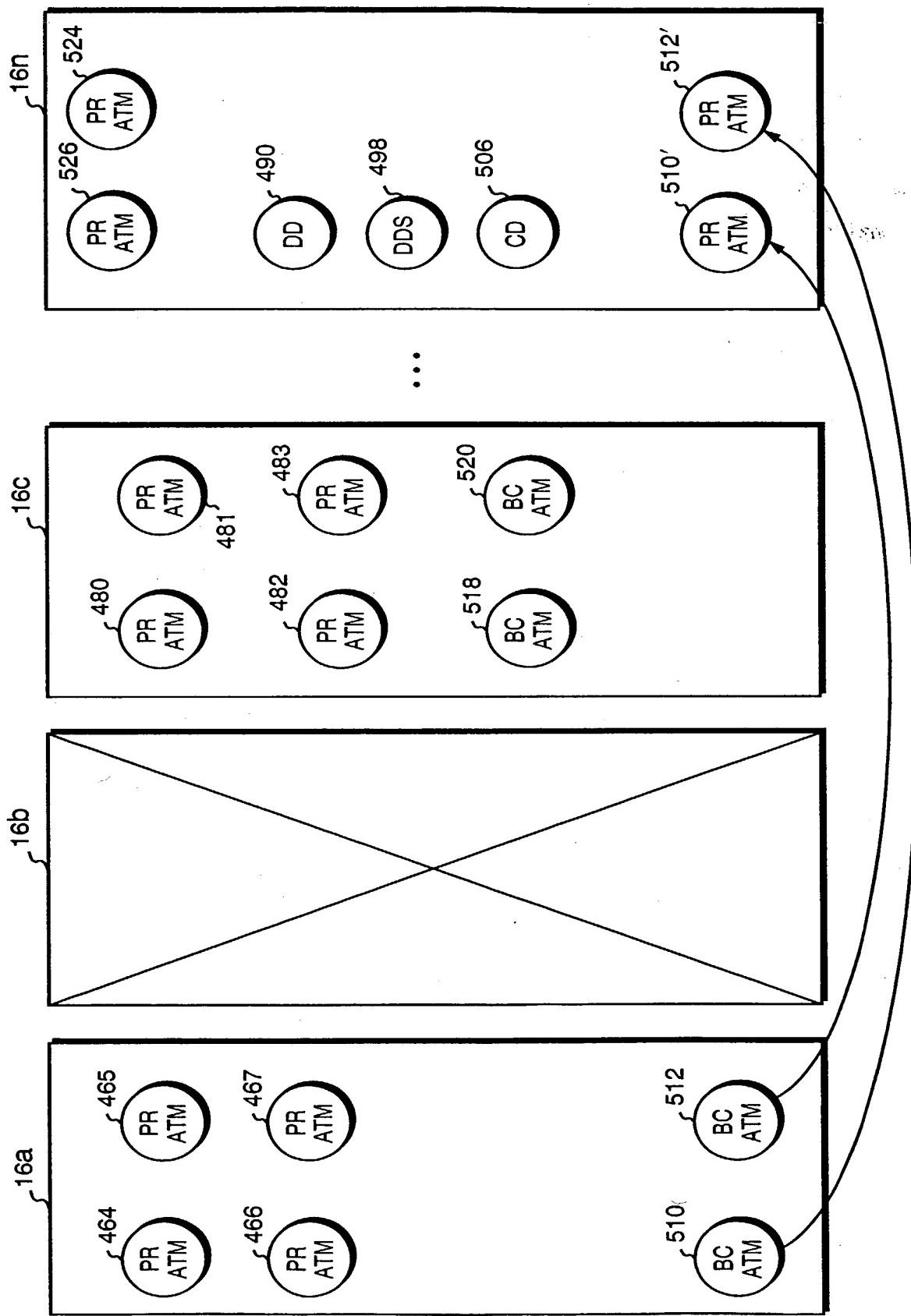


FIG. 34B

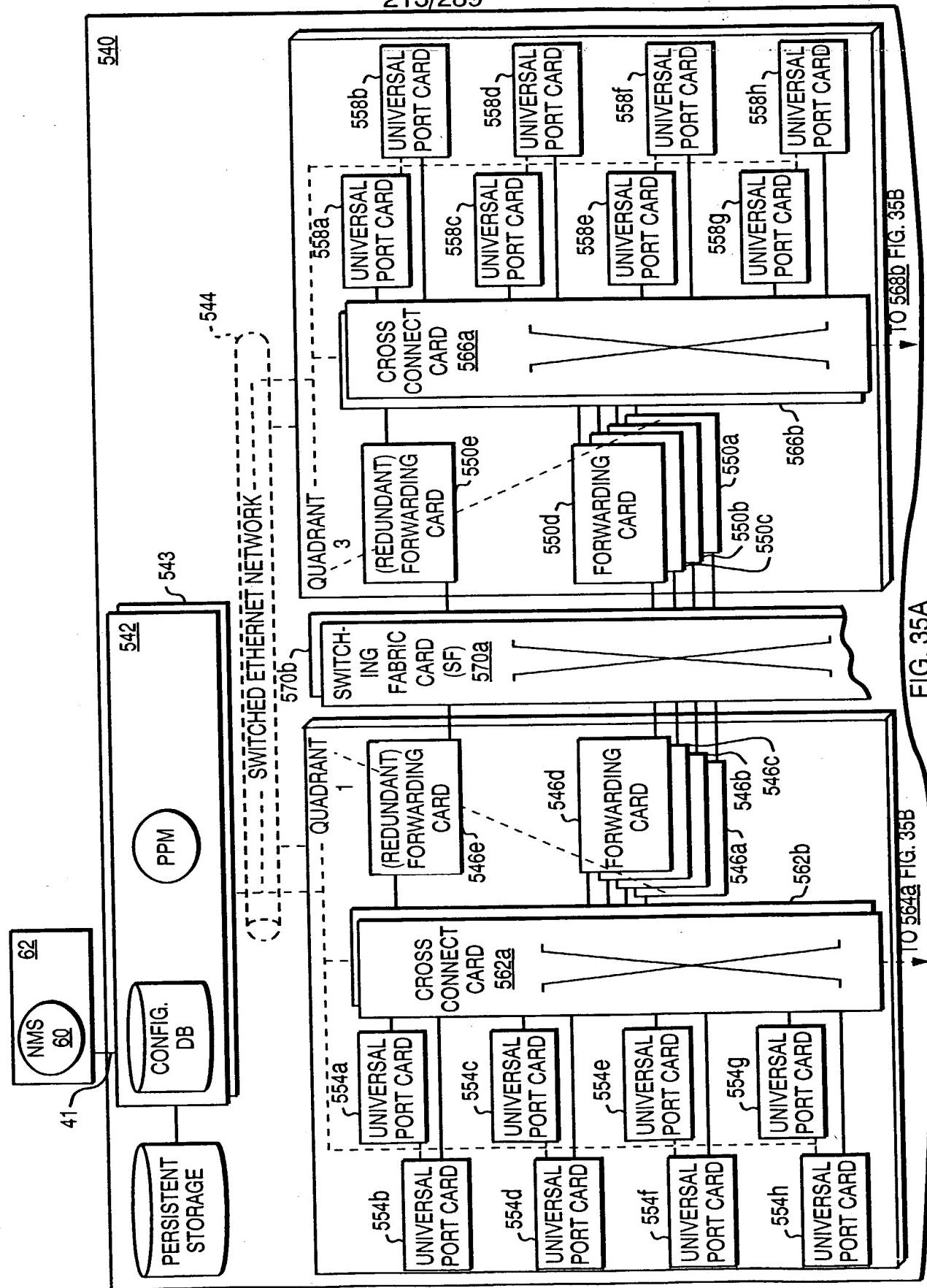


FIG. 35A

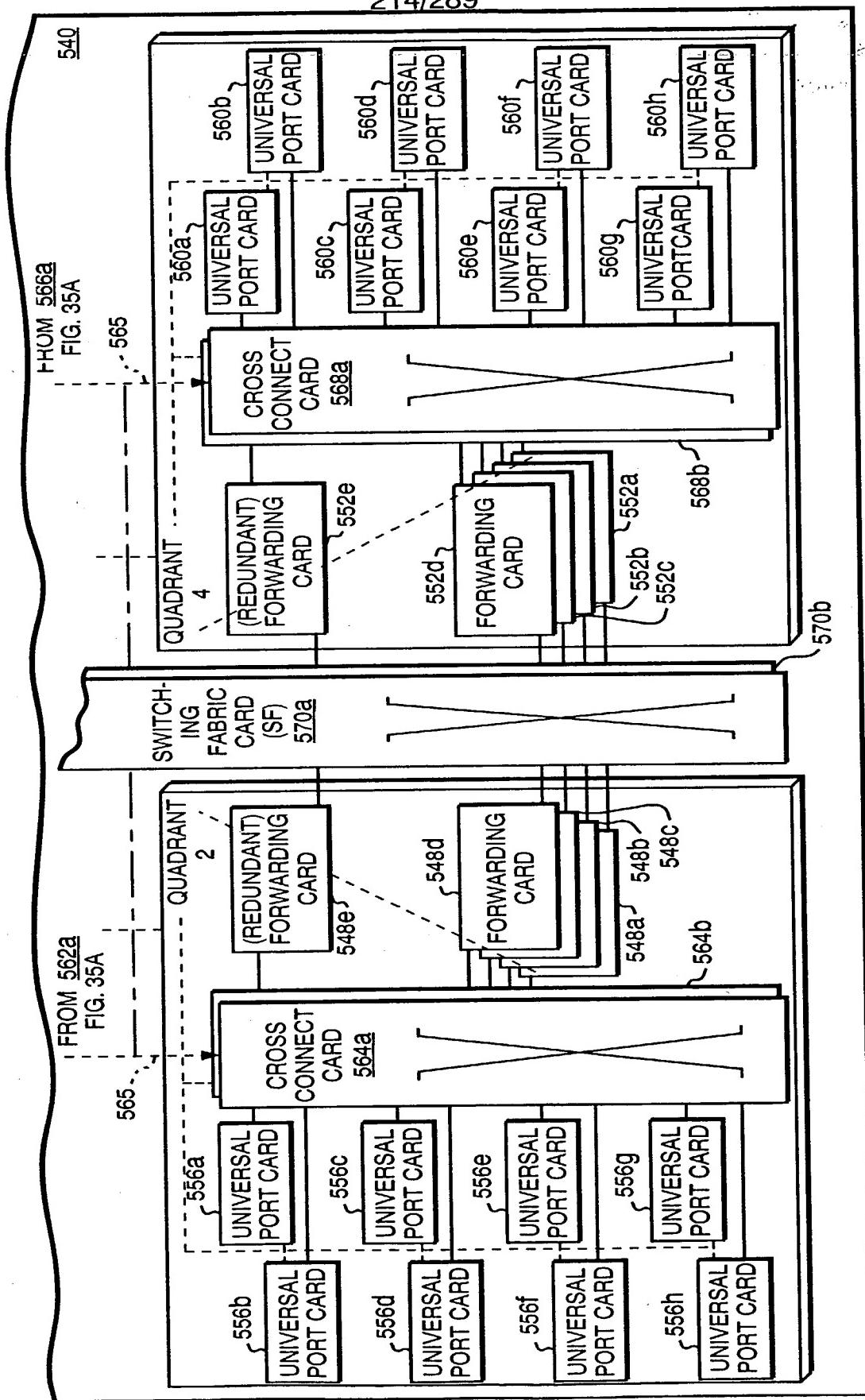
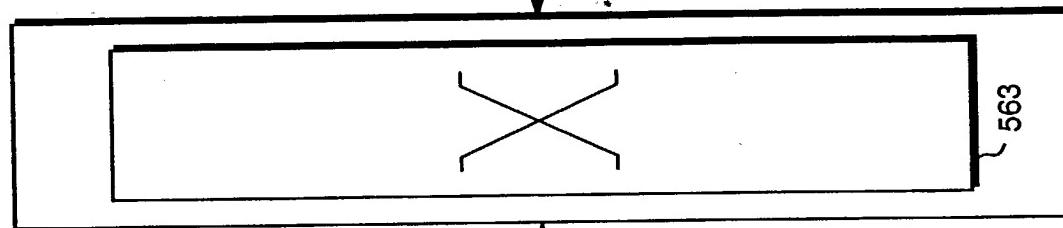


FIG. 35B

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CROSS CONNECTION CARD



554a

UNIVERSAL PORT CARD

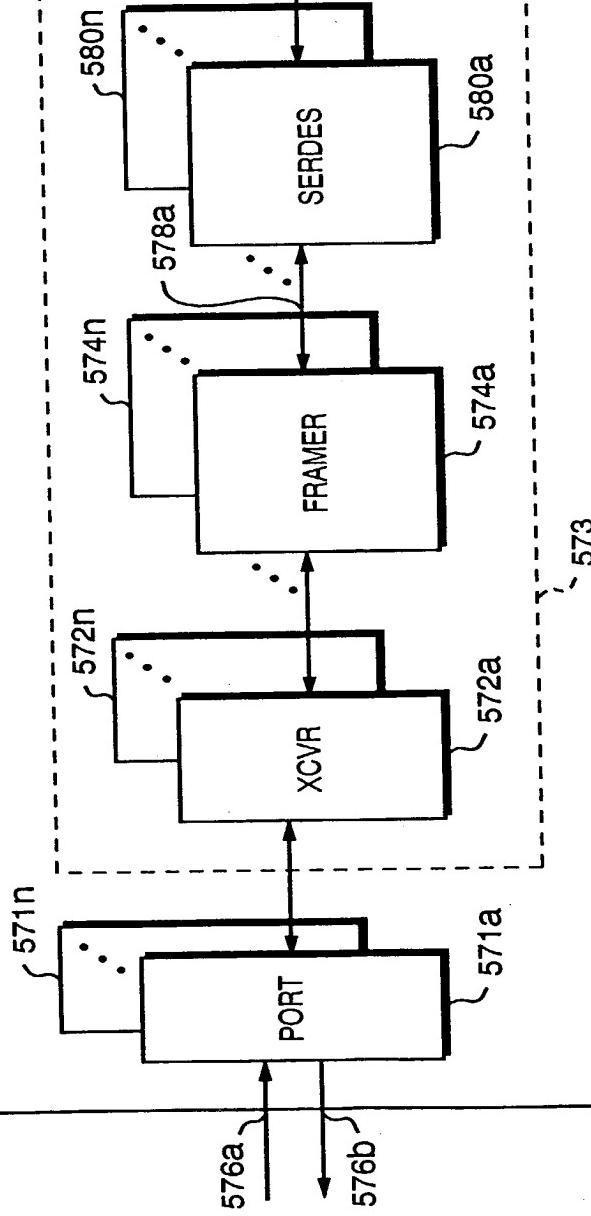


FIG. 36A

562a

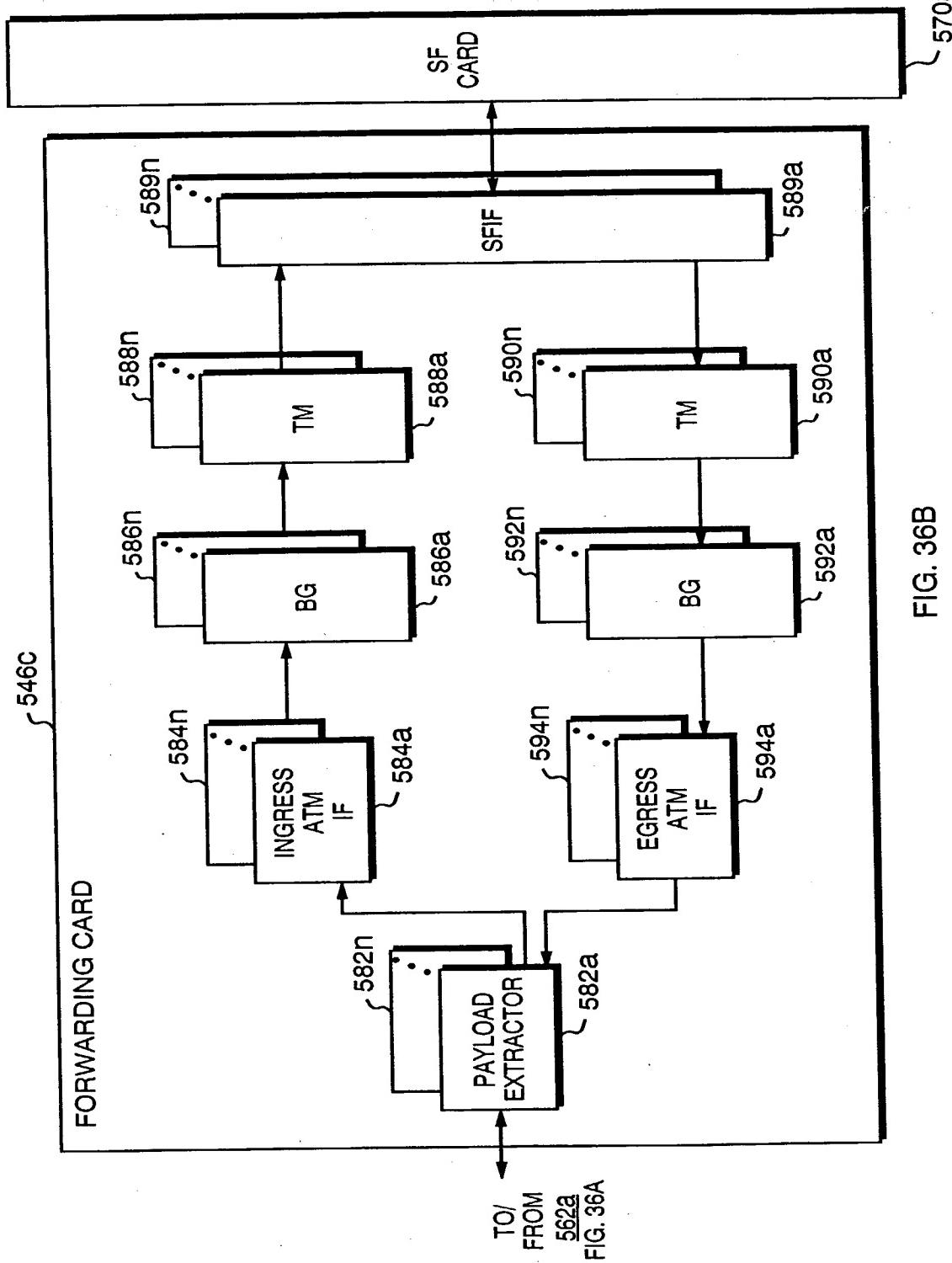


FIG. 36B

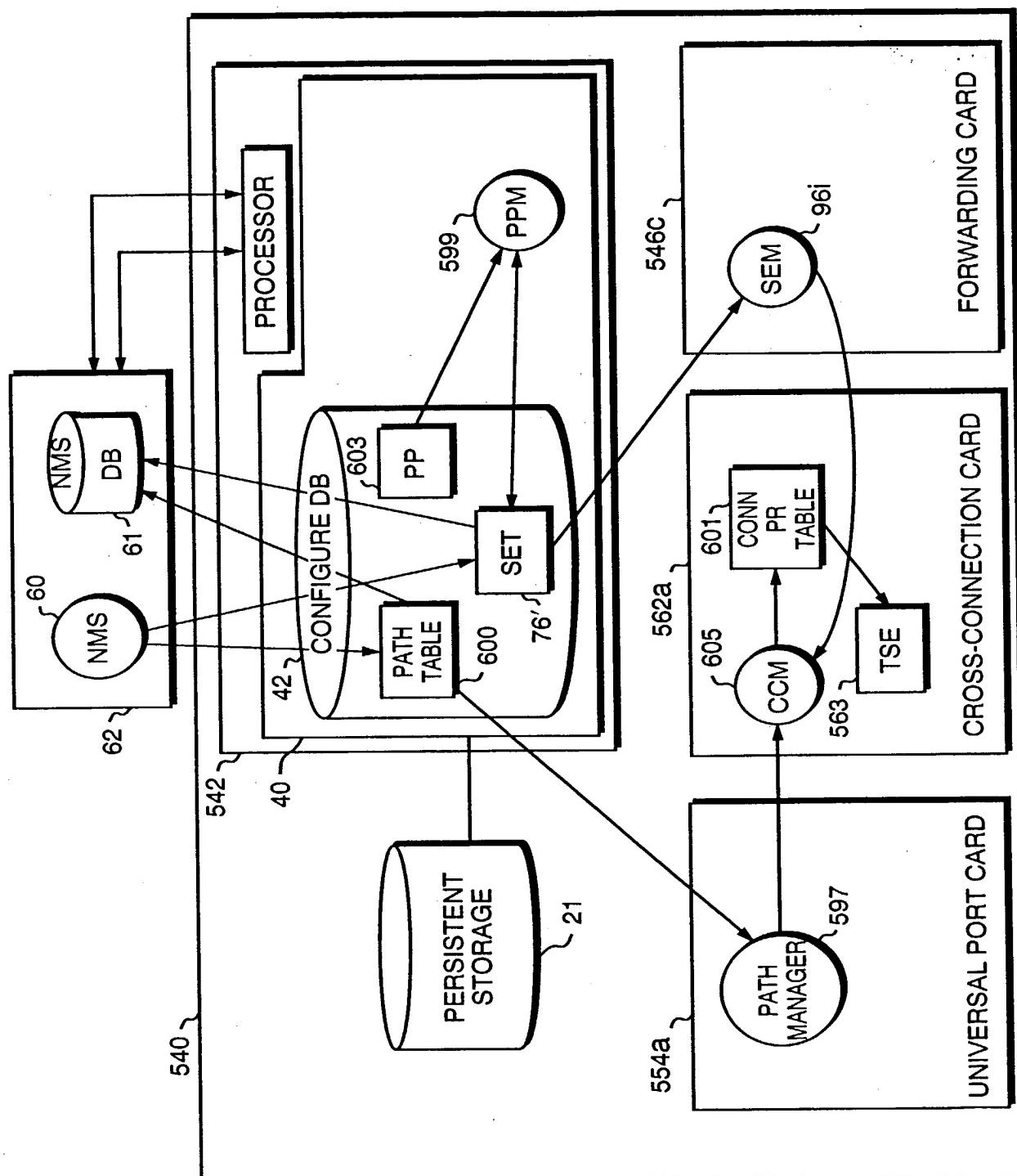


FIG. 37

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PATH TABLE 600

602 ↗

PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	...
1666	1231	4	3	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

FIG. 38

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SERVICE END POINT TABLE 76'

SE #	Q #	FC LID	FC SLICE	FC TIME SLOT	PATH PID	...
878	1				1666	
.
.
.

FIG. 39

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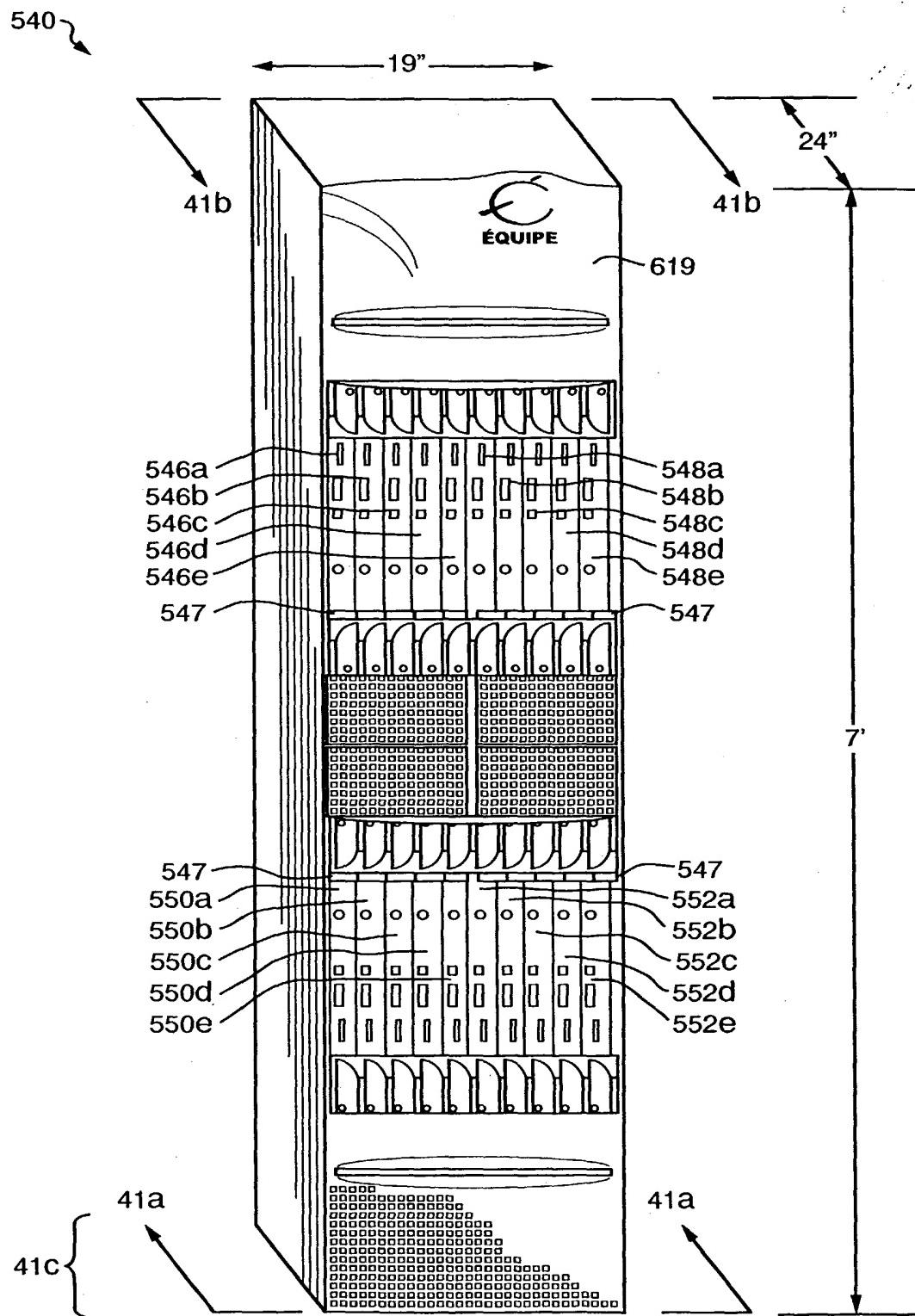


FIG. 40

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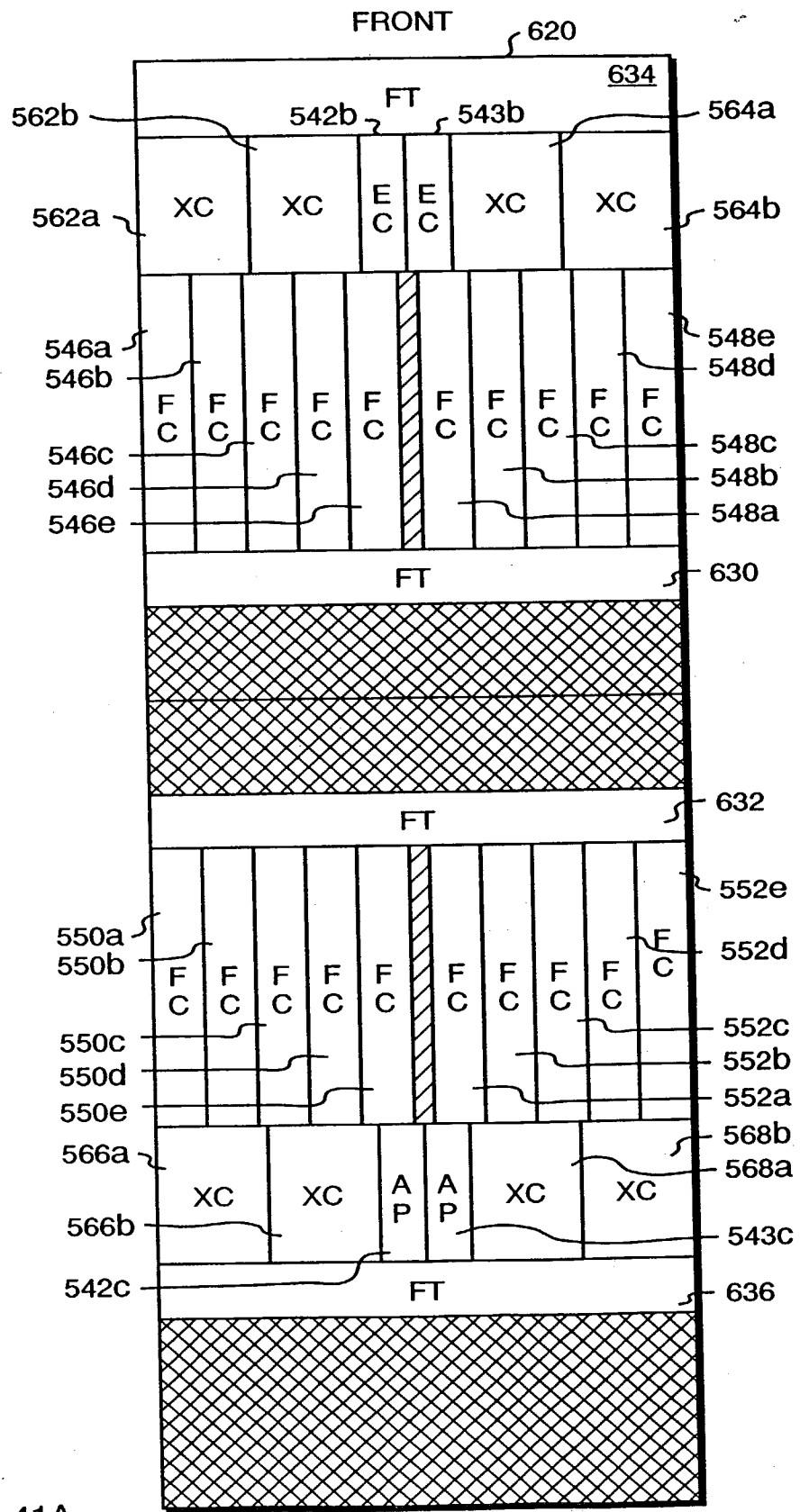


FIG. 41A

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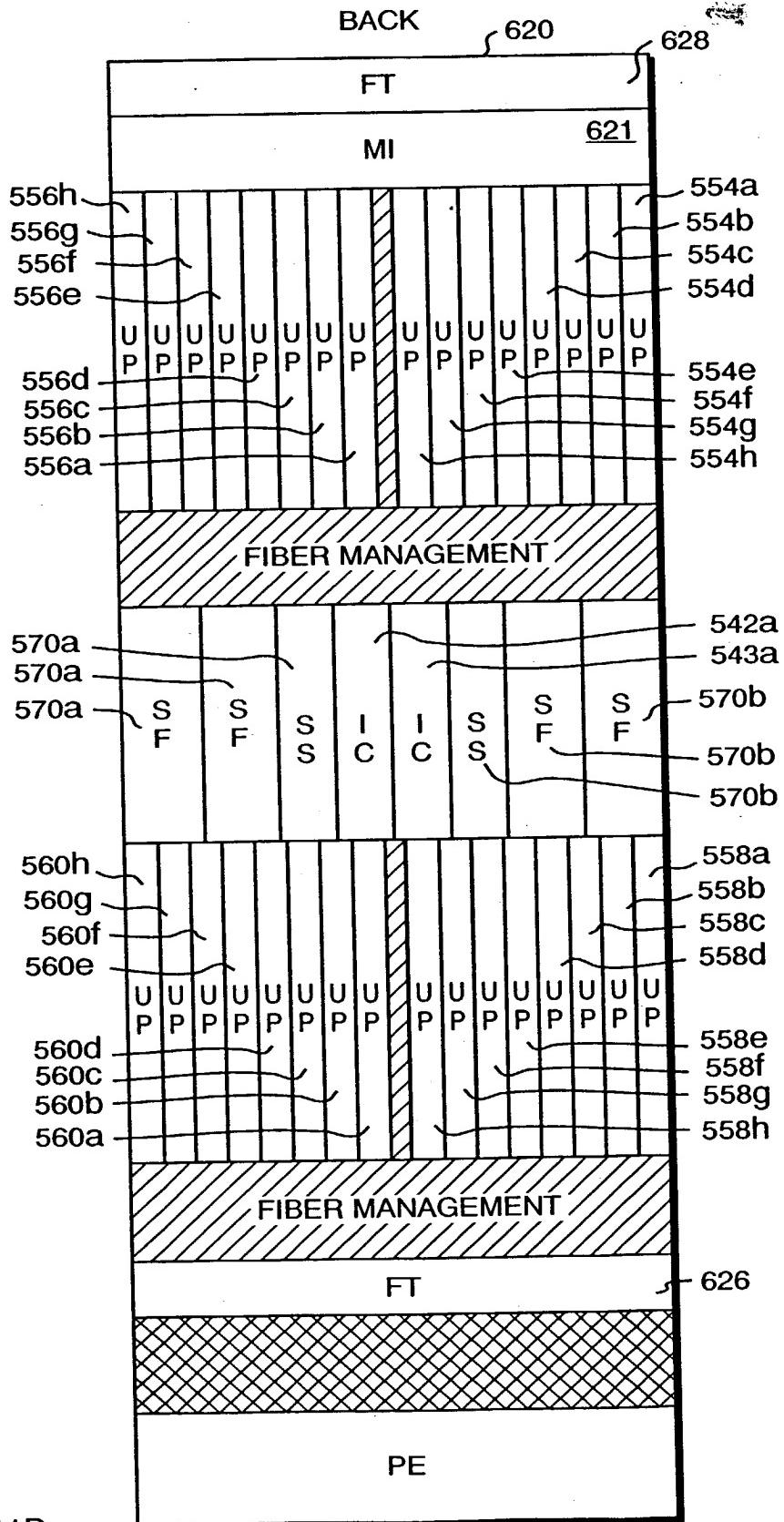


FIG. 41B

SIDE

620

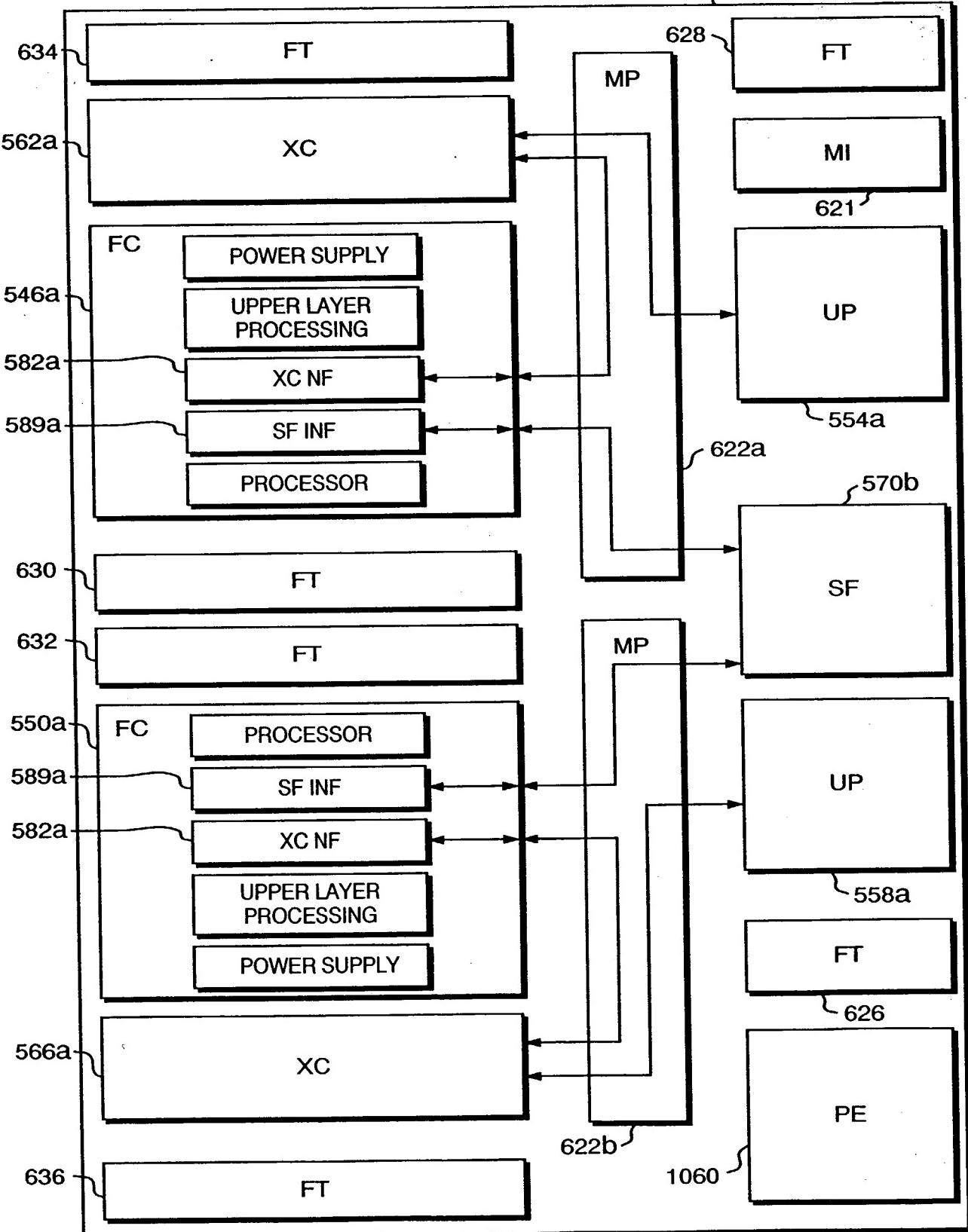


FIG. 41C

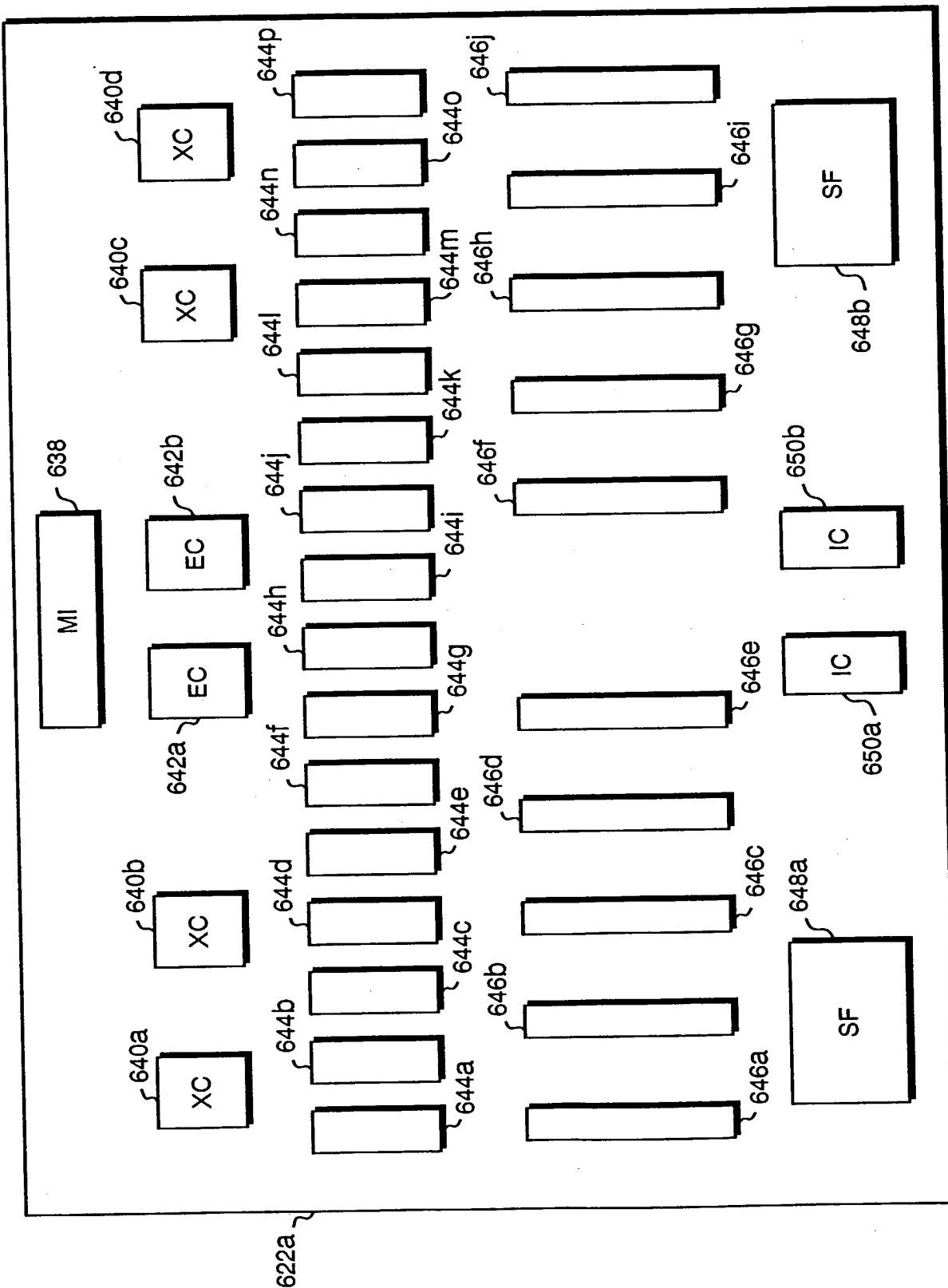


FIG. 42A

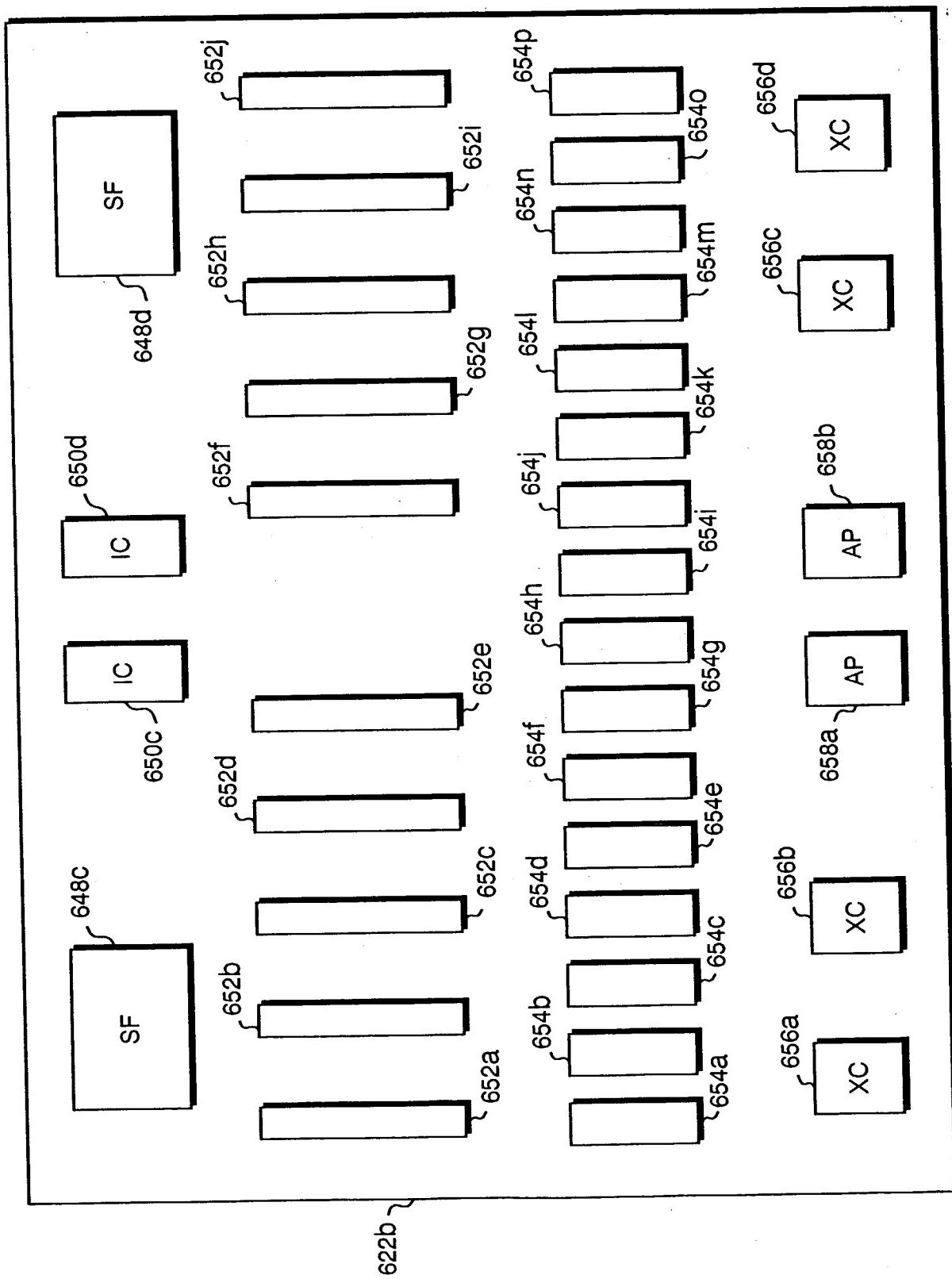


FIG. 42B

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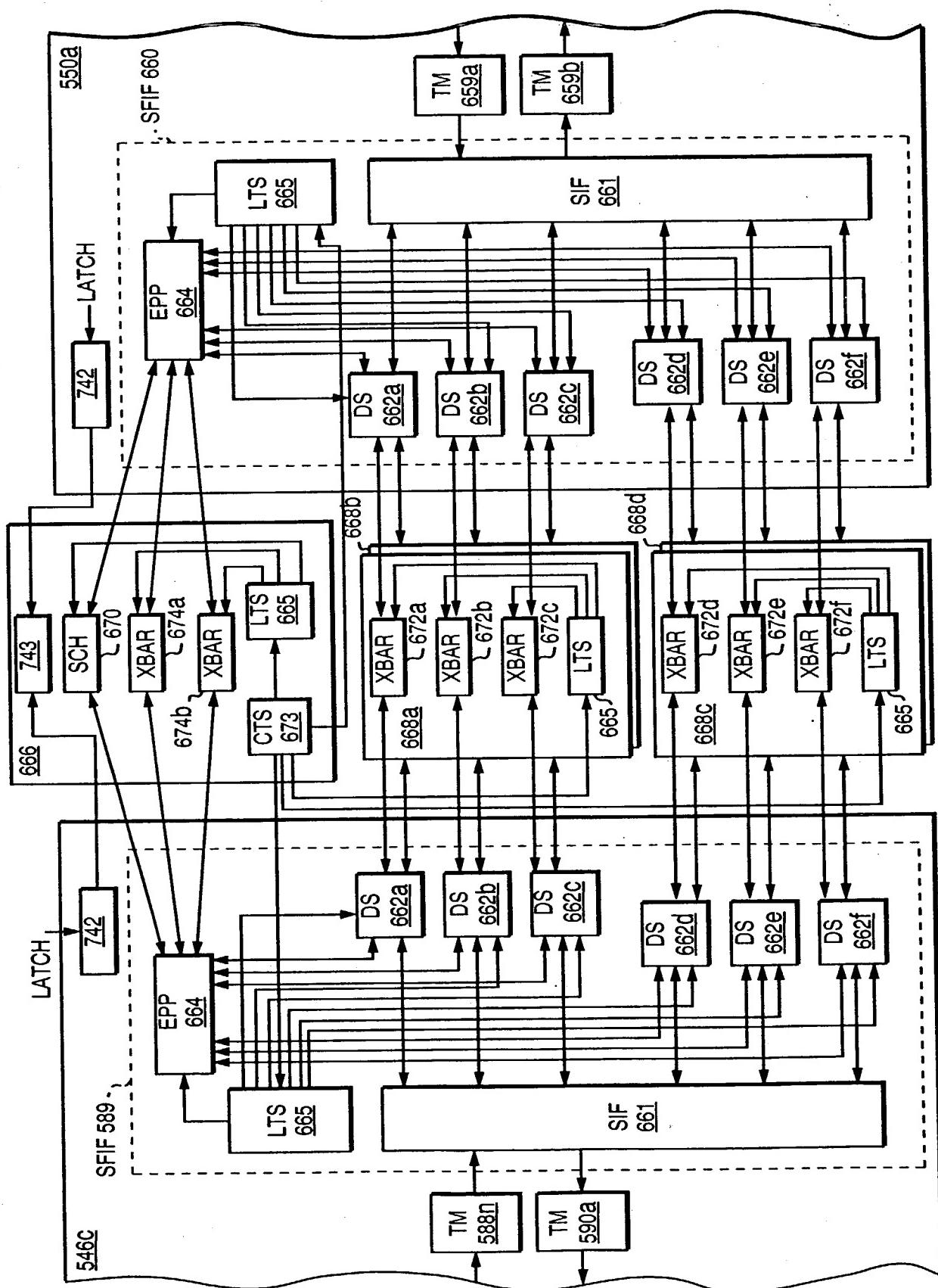


FIG. 43

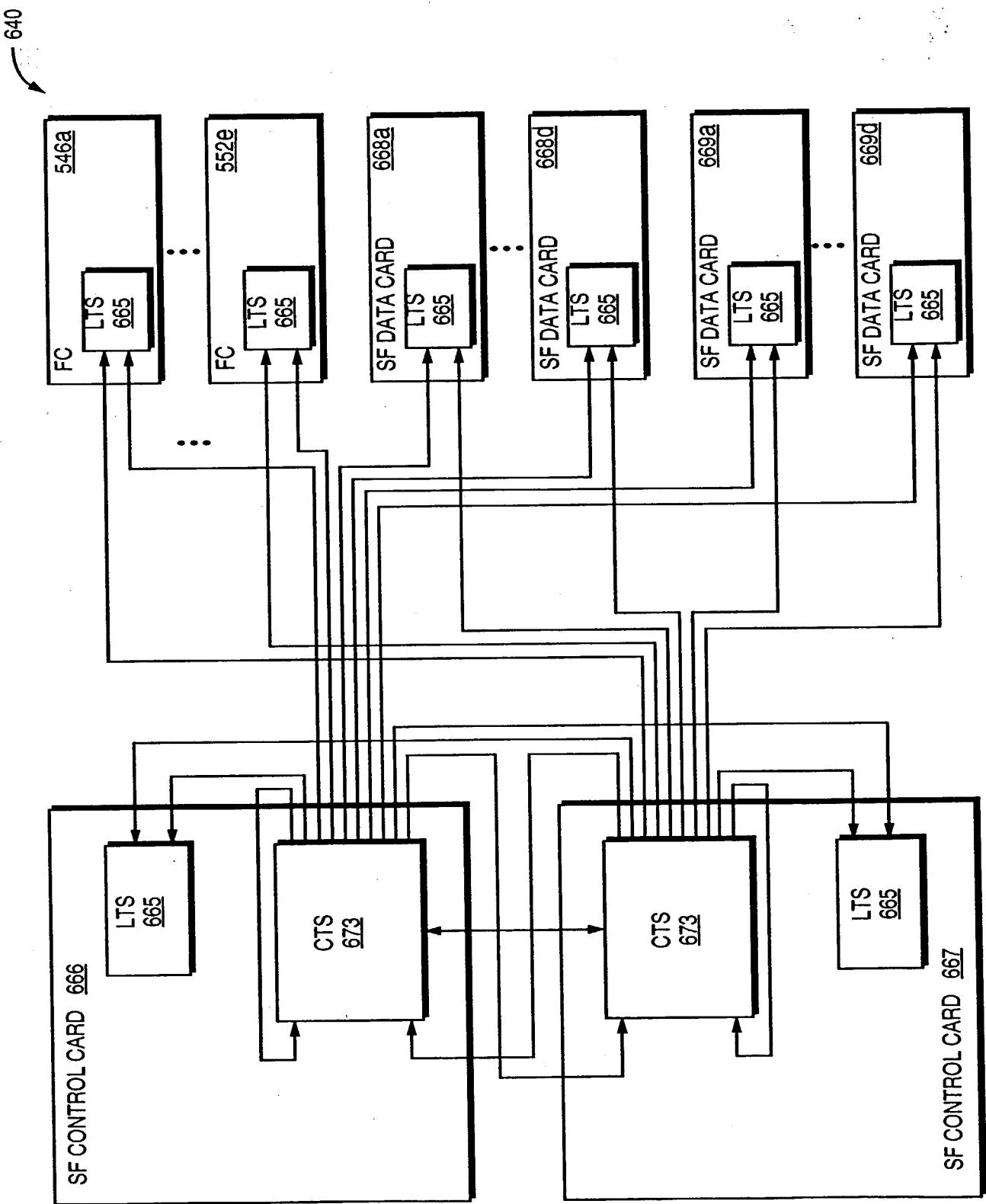


FIG. 44

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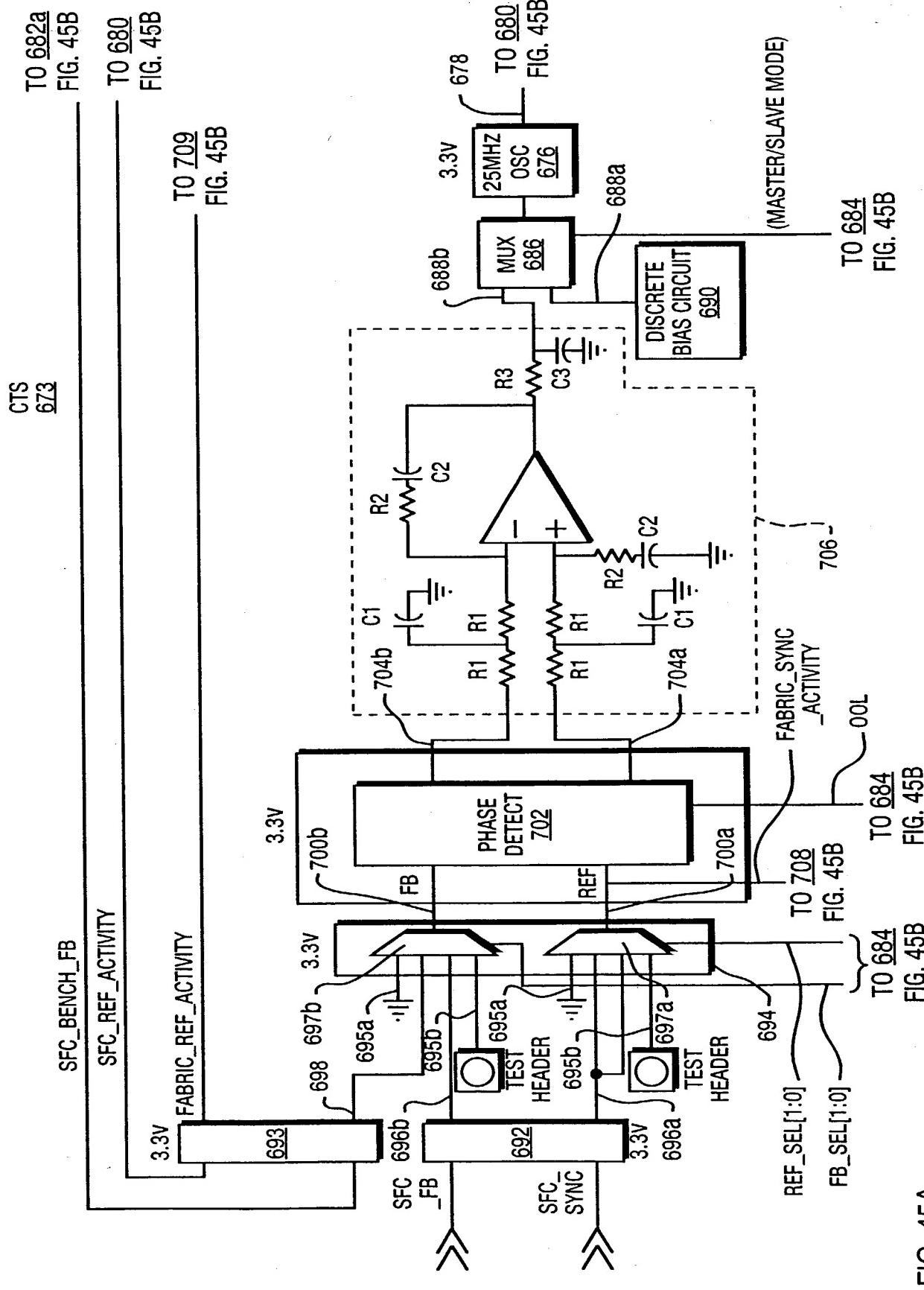


FIG. 45A

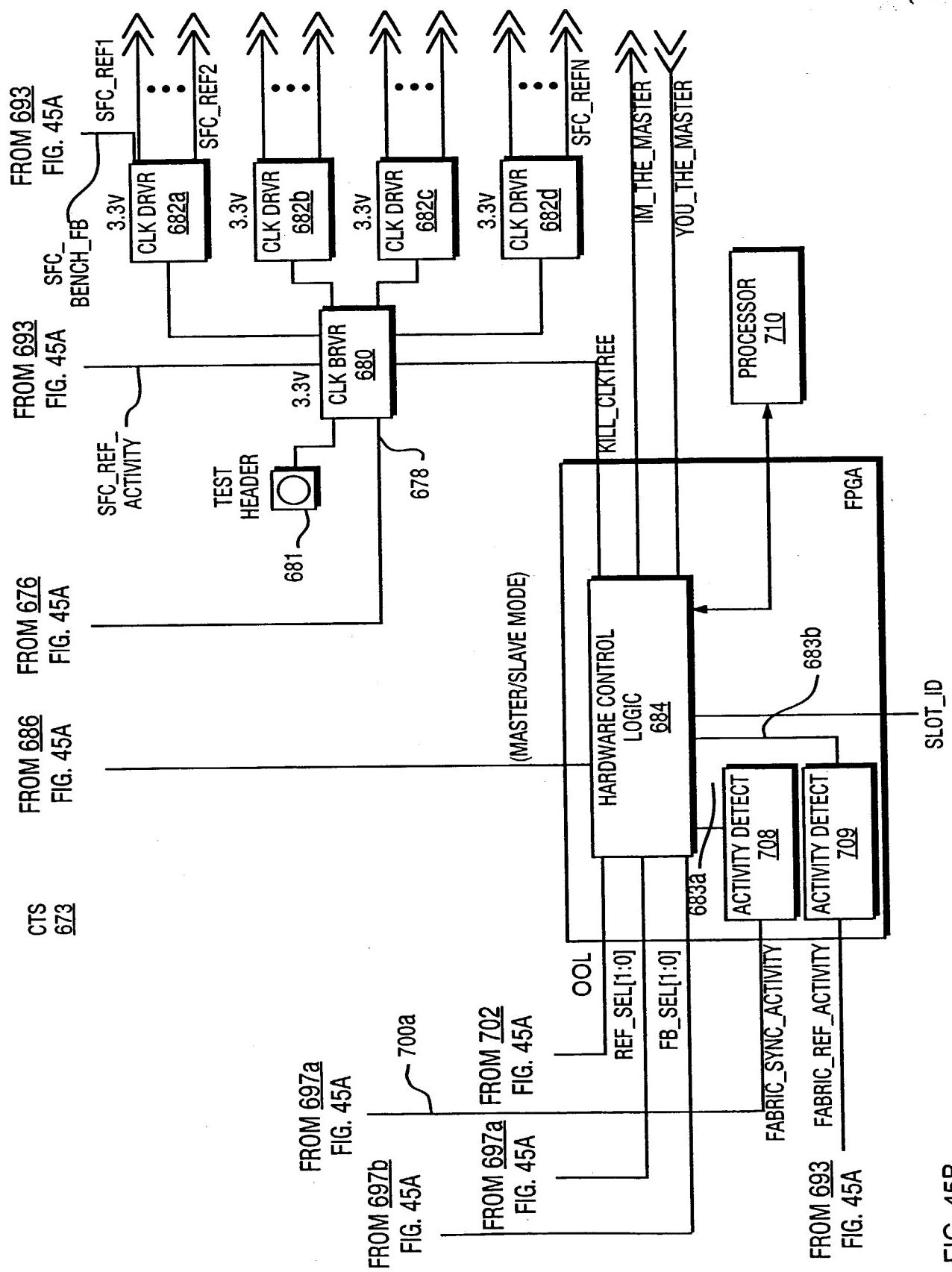


FIG. 45B

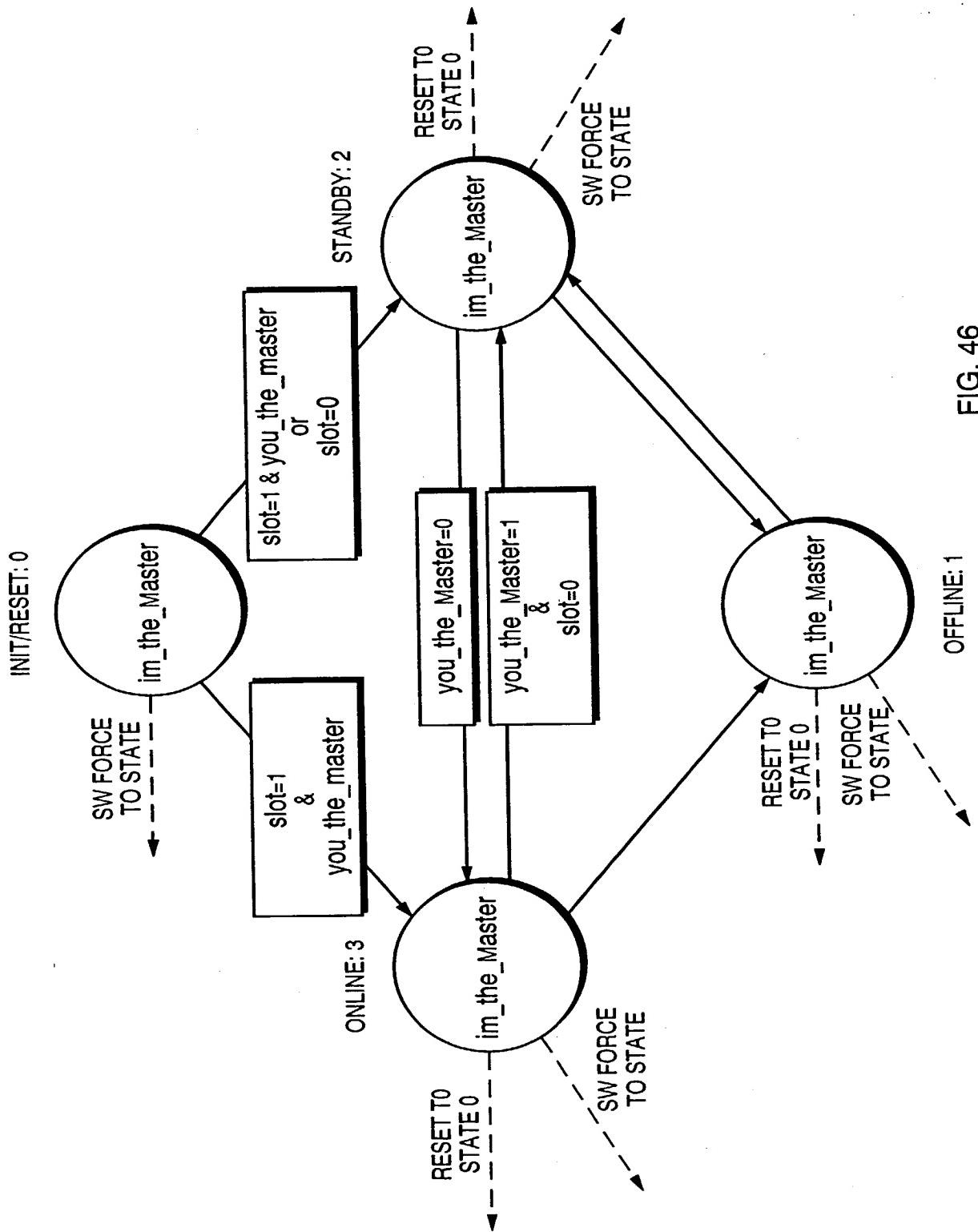


FIG. 46

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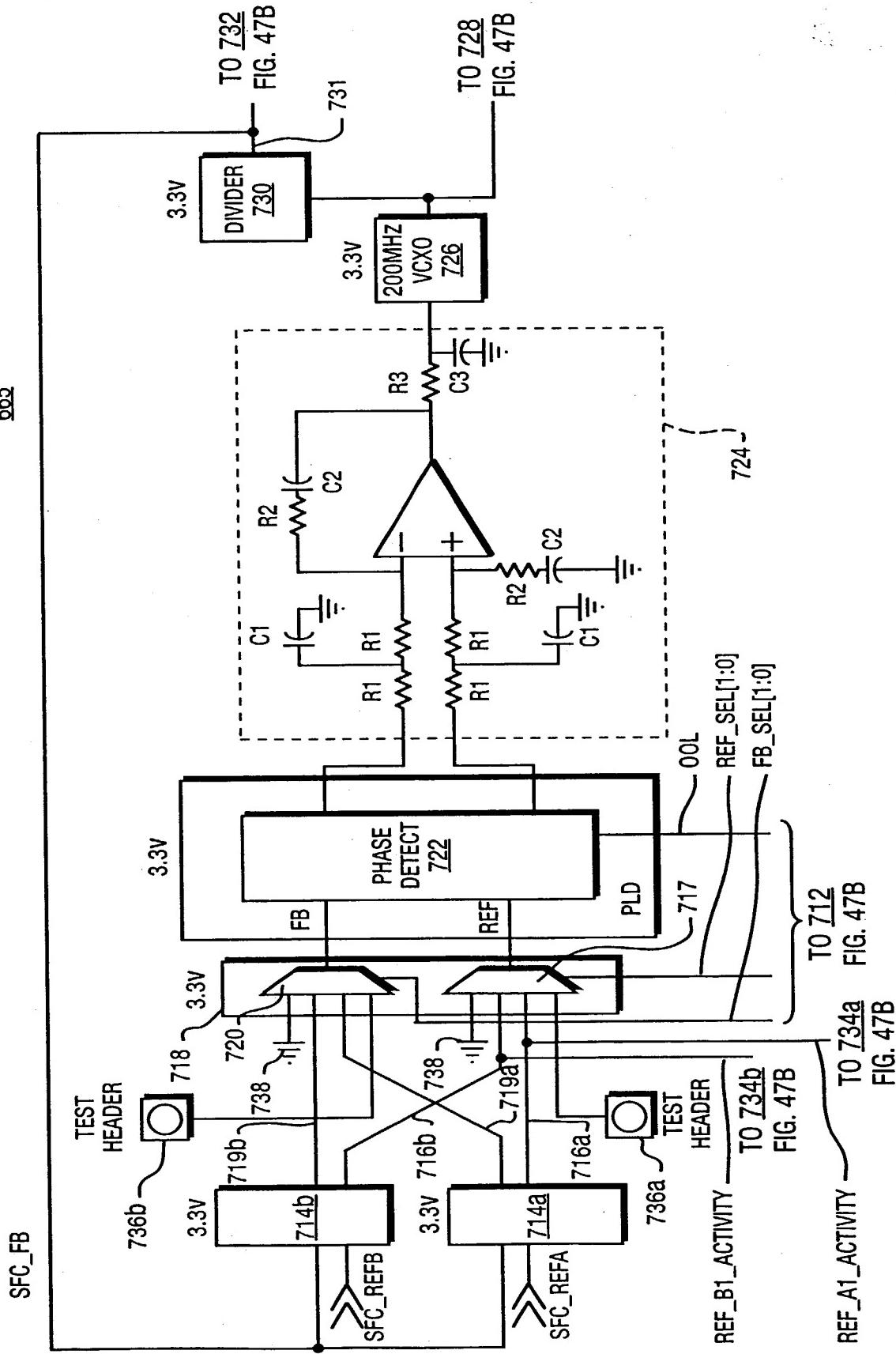
LTS
665

FIG. 47A

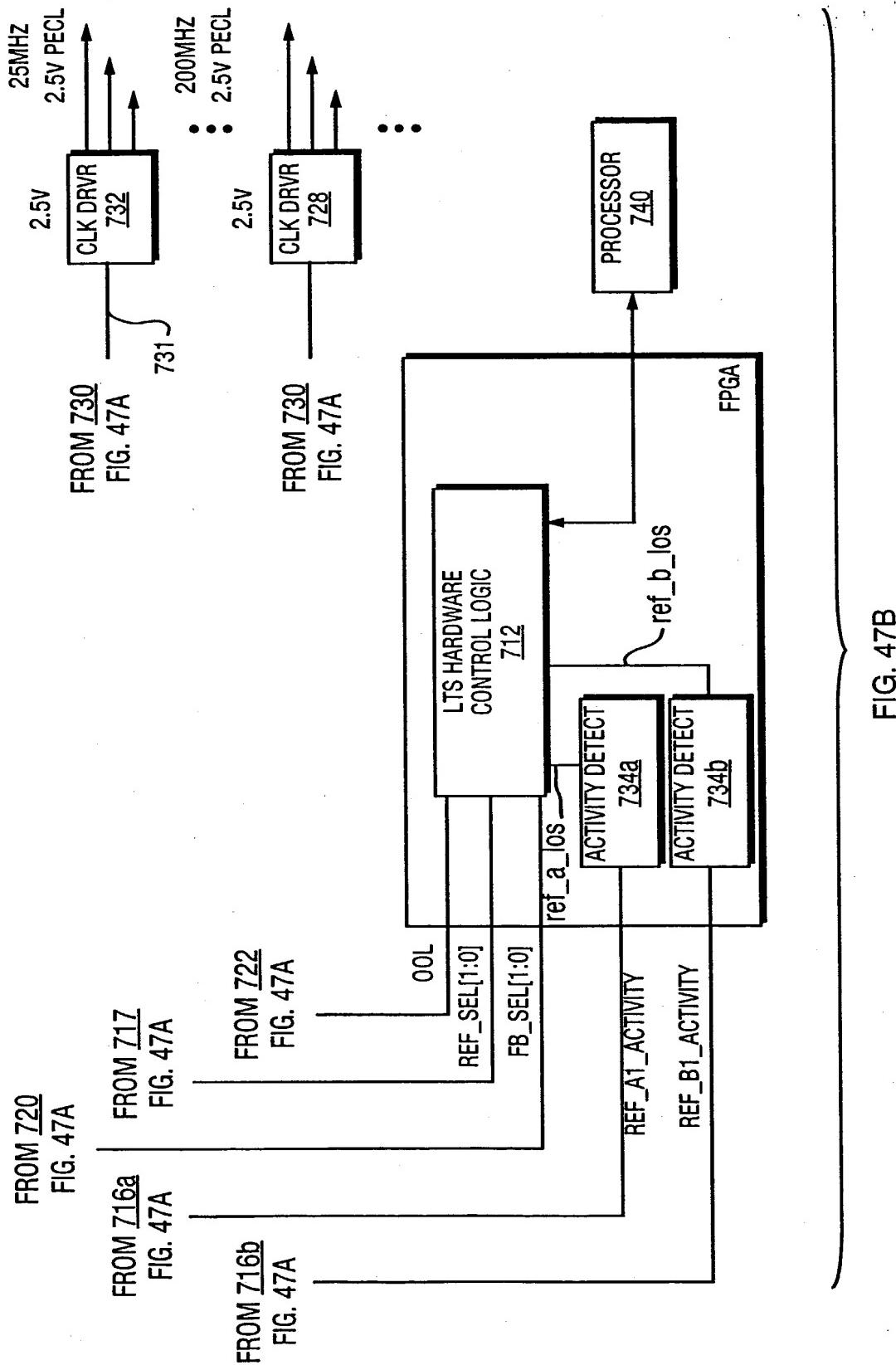


FIG. 47B

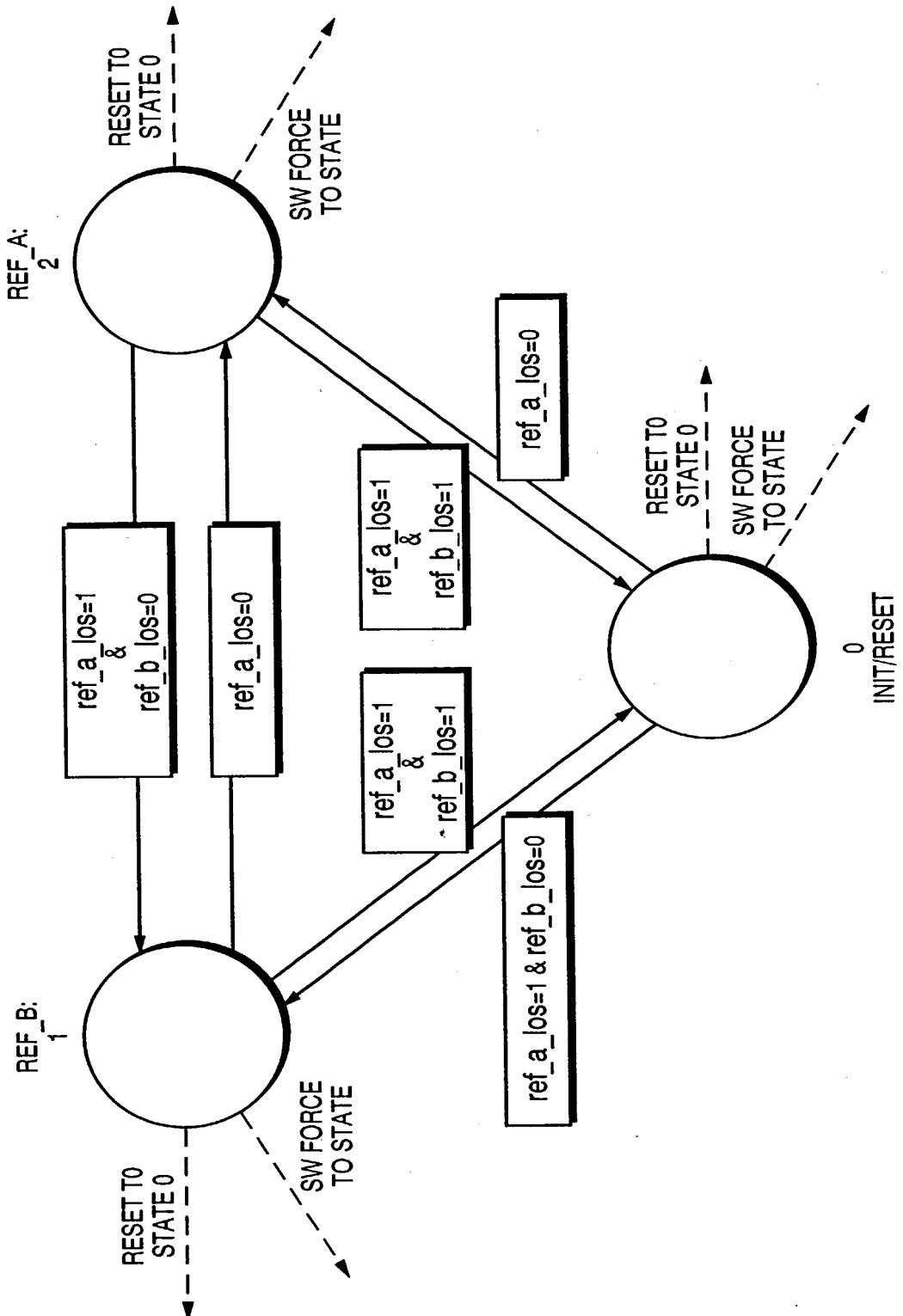


FIG. 48

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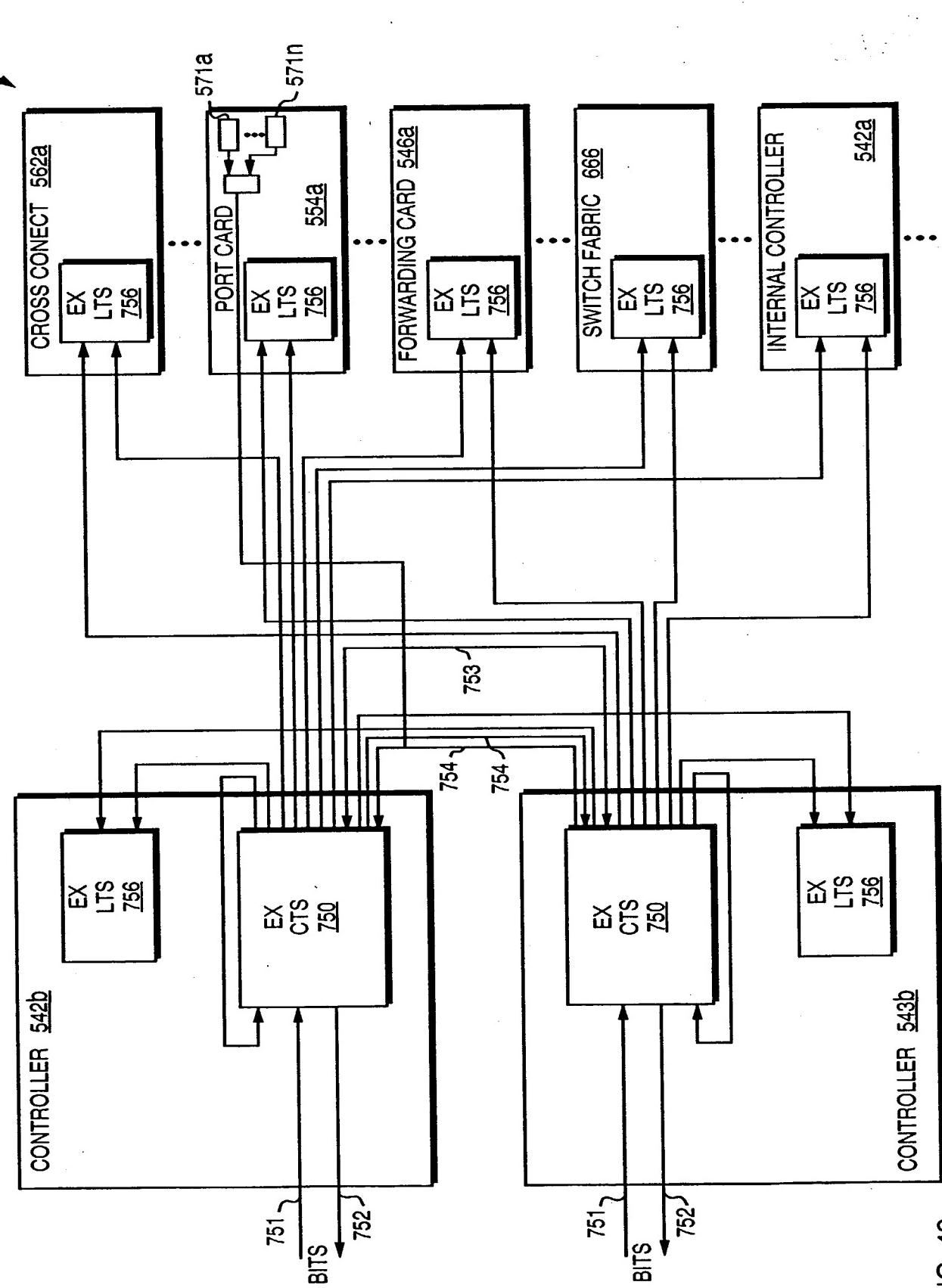
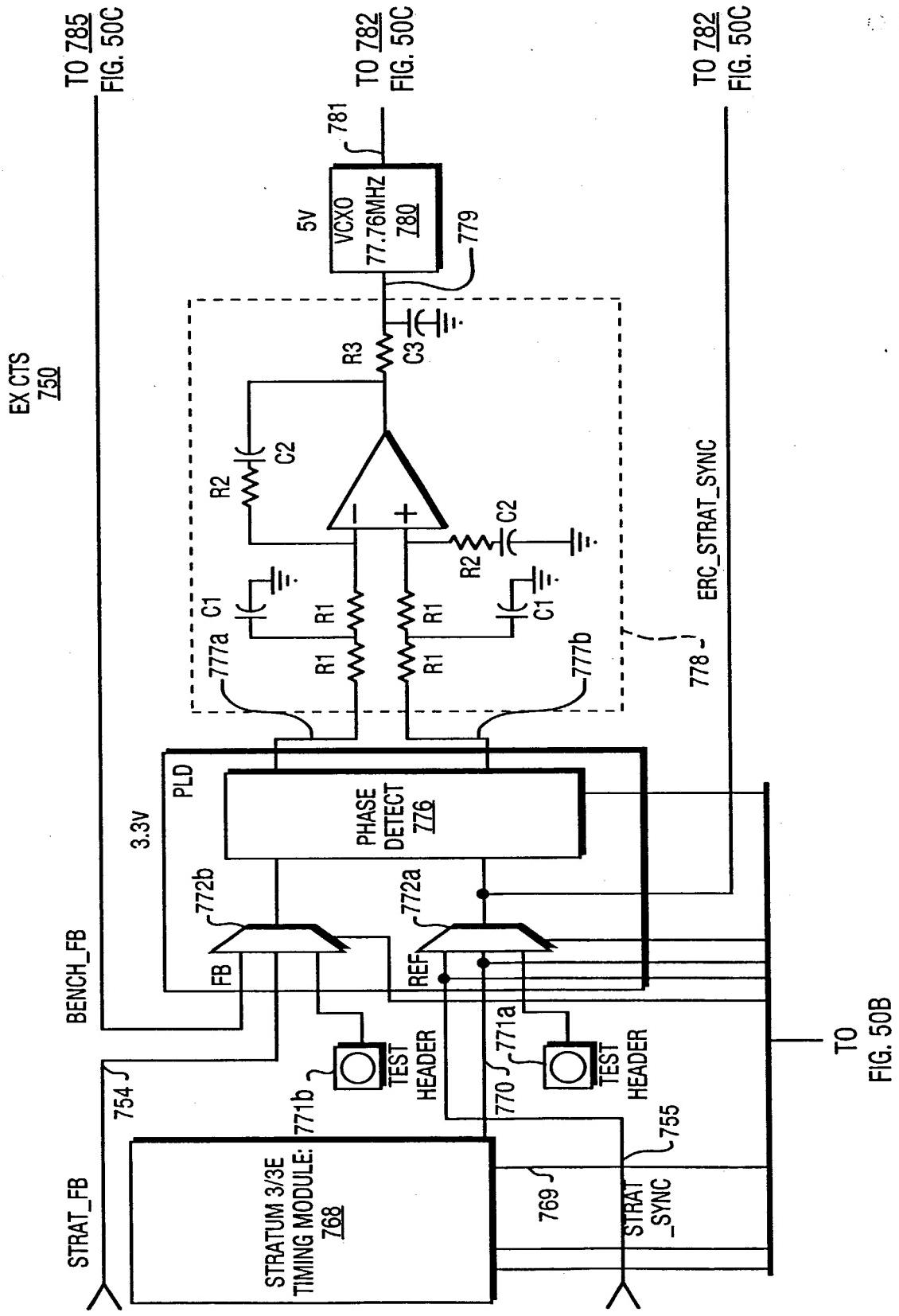


FIG. 49



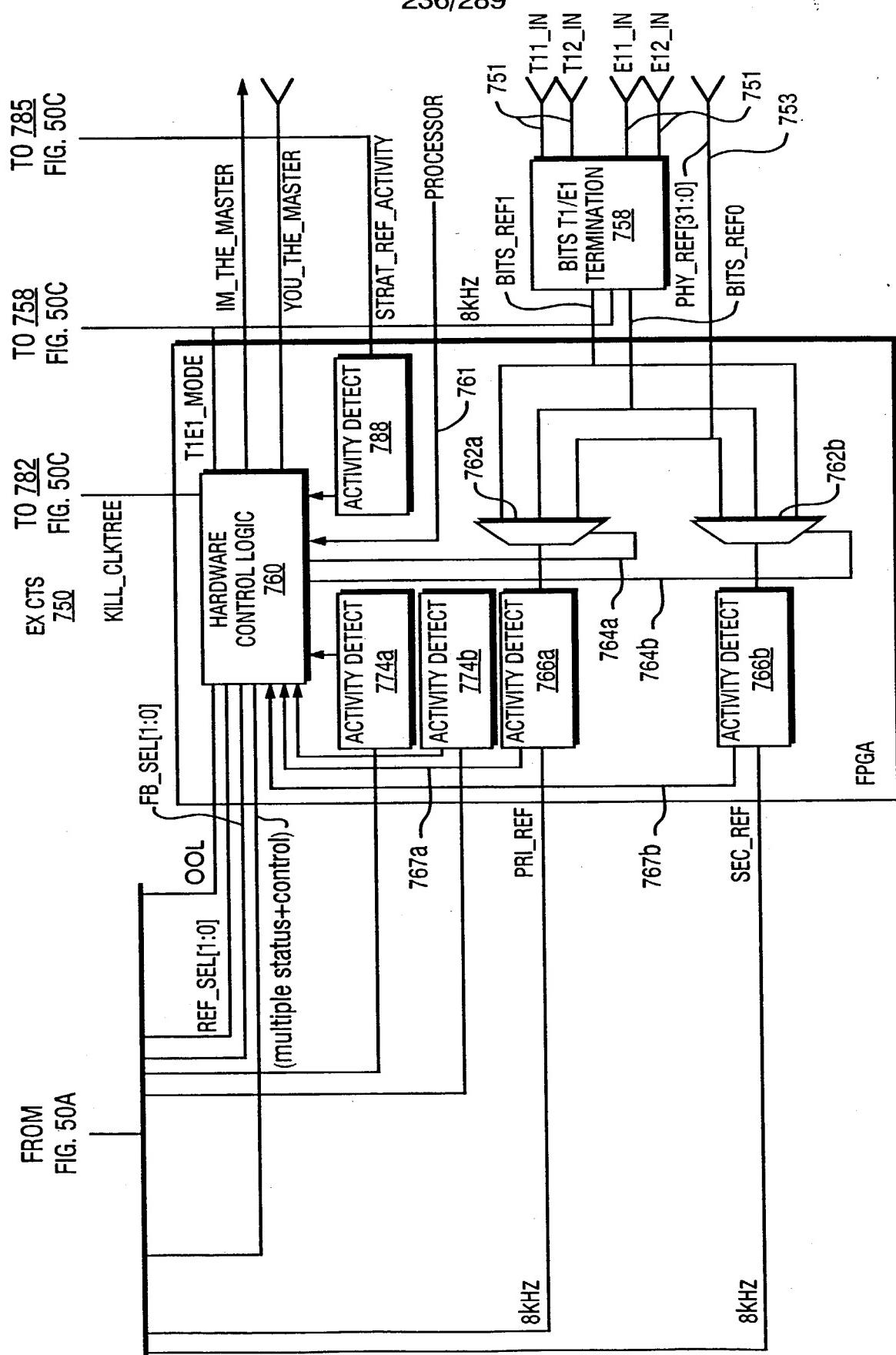
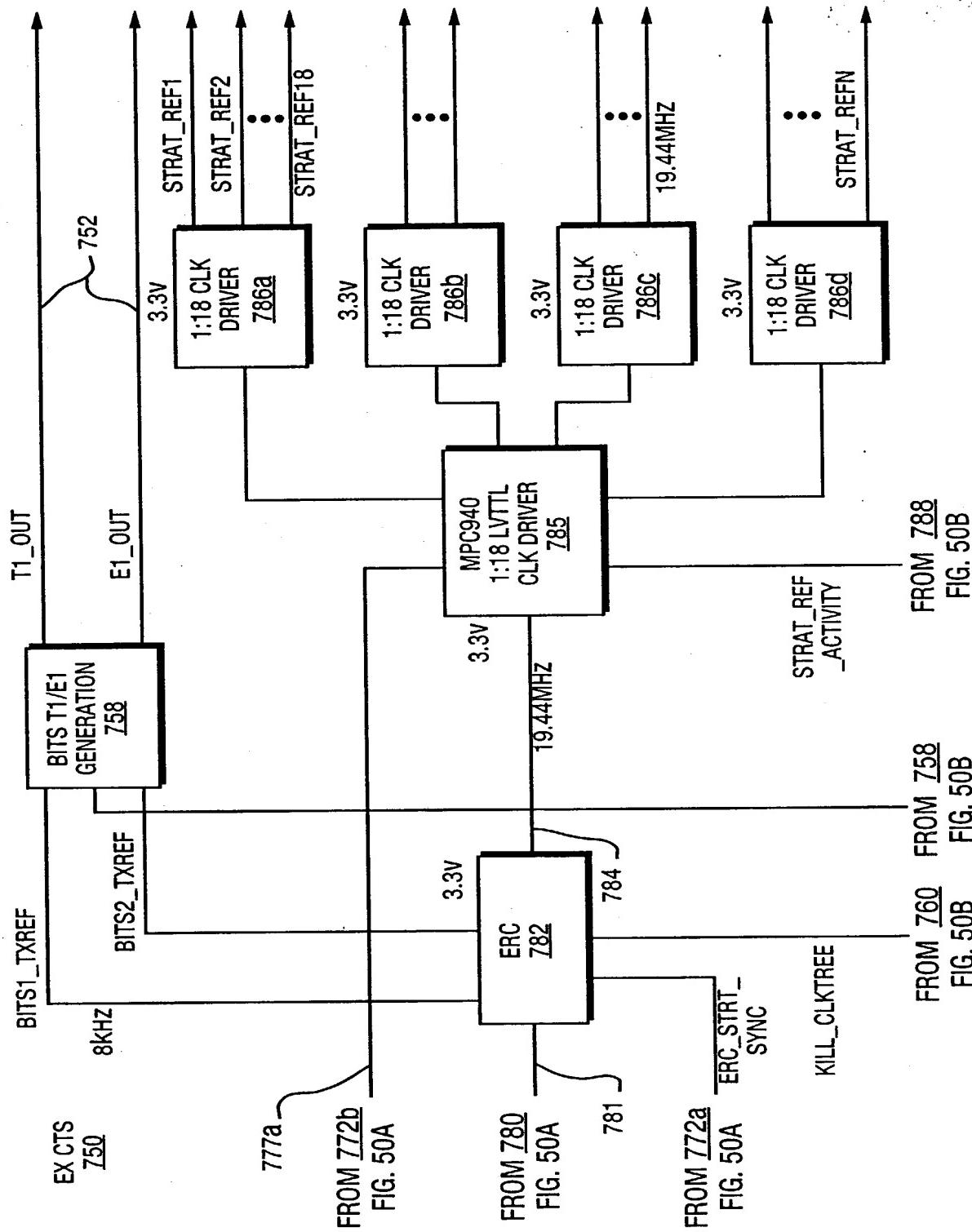


FIG. 50B

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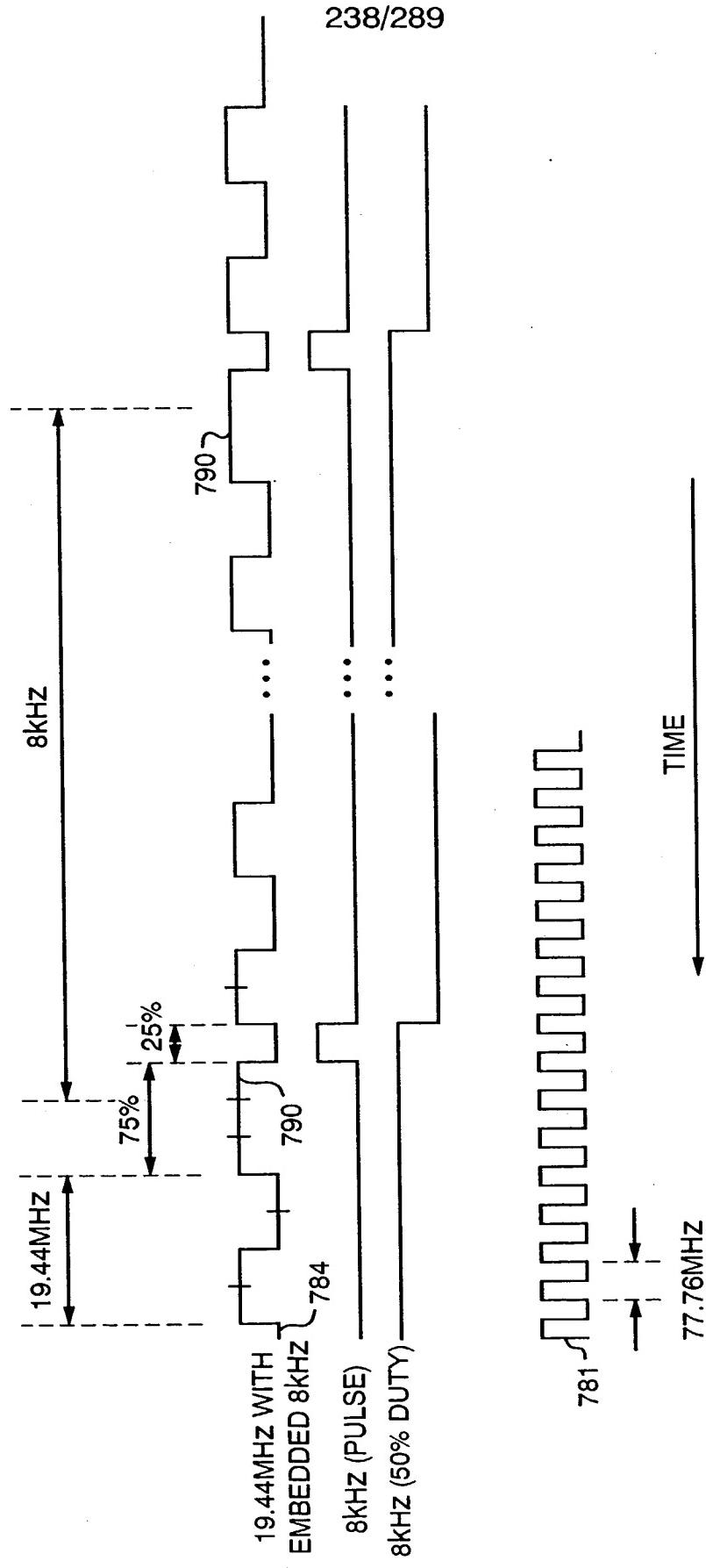


FIG. 51

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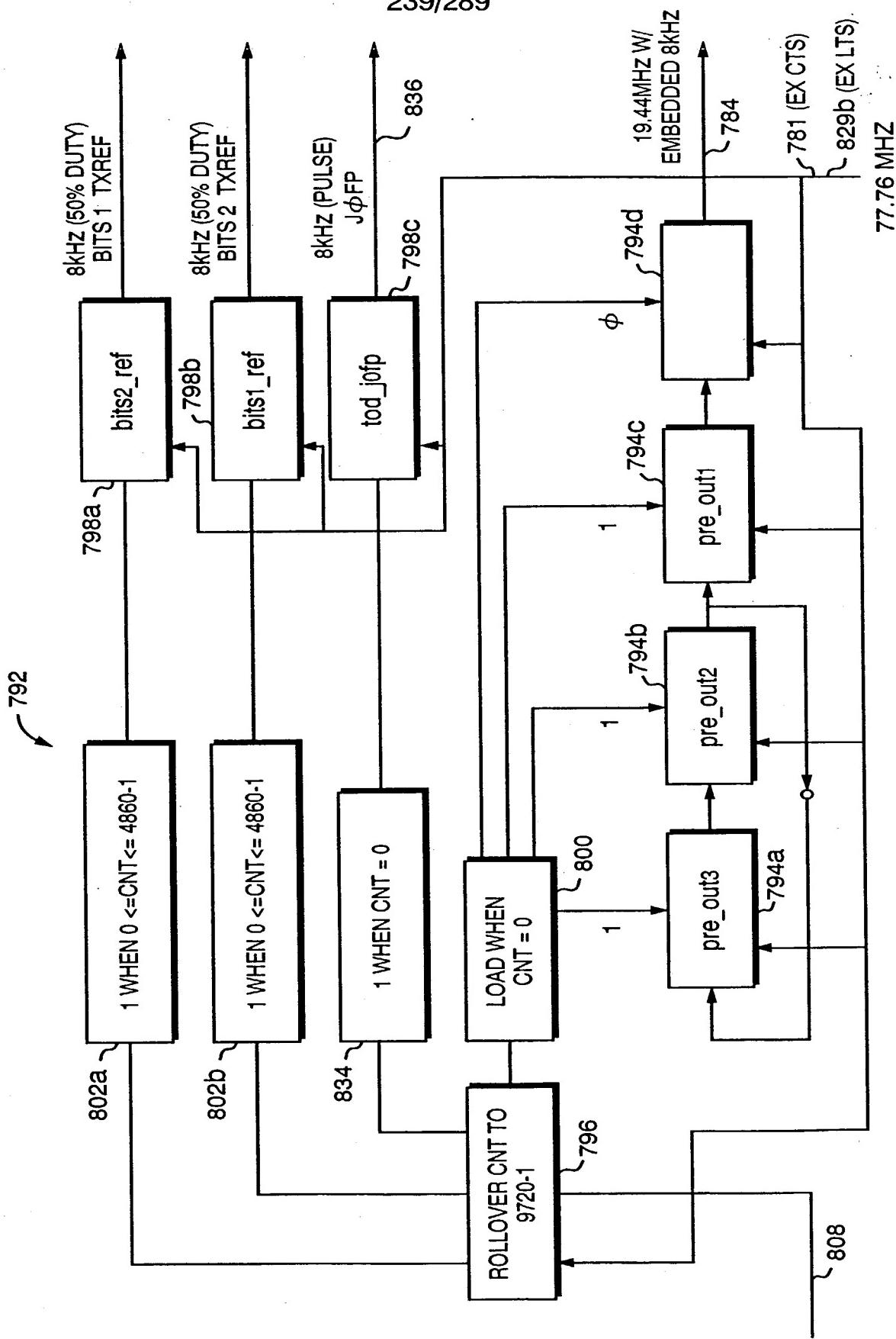


FIG. 52

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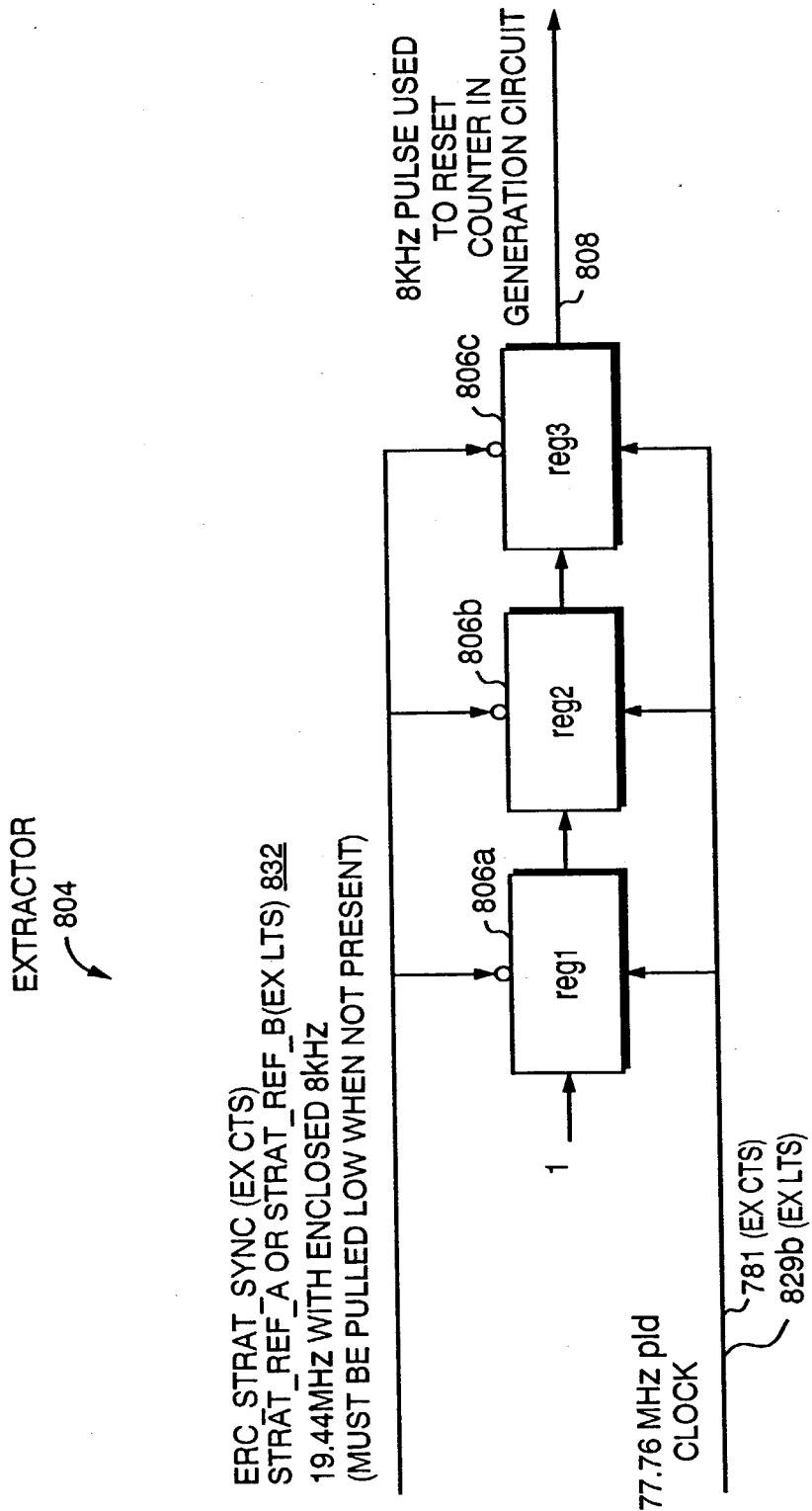


FIG. 53

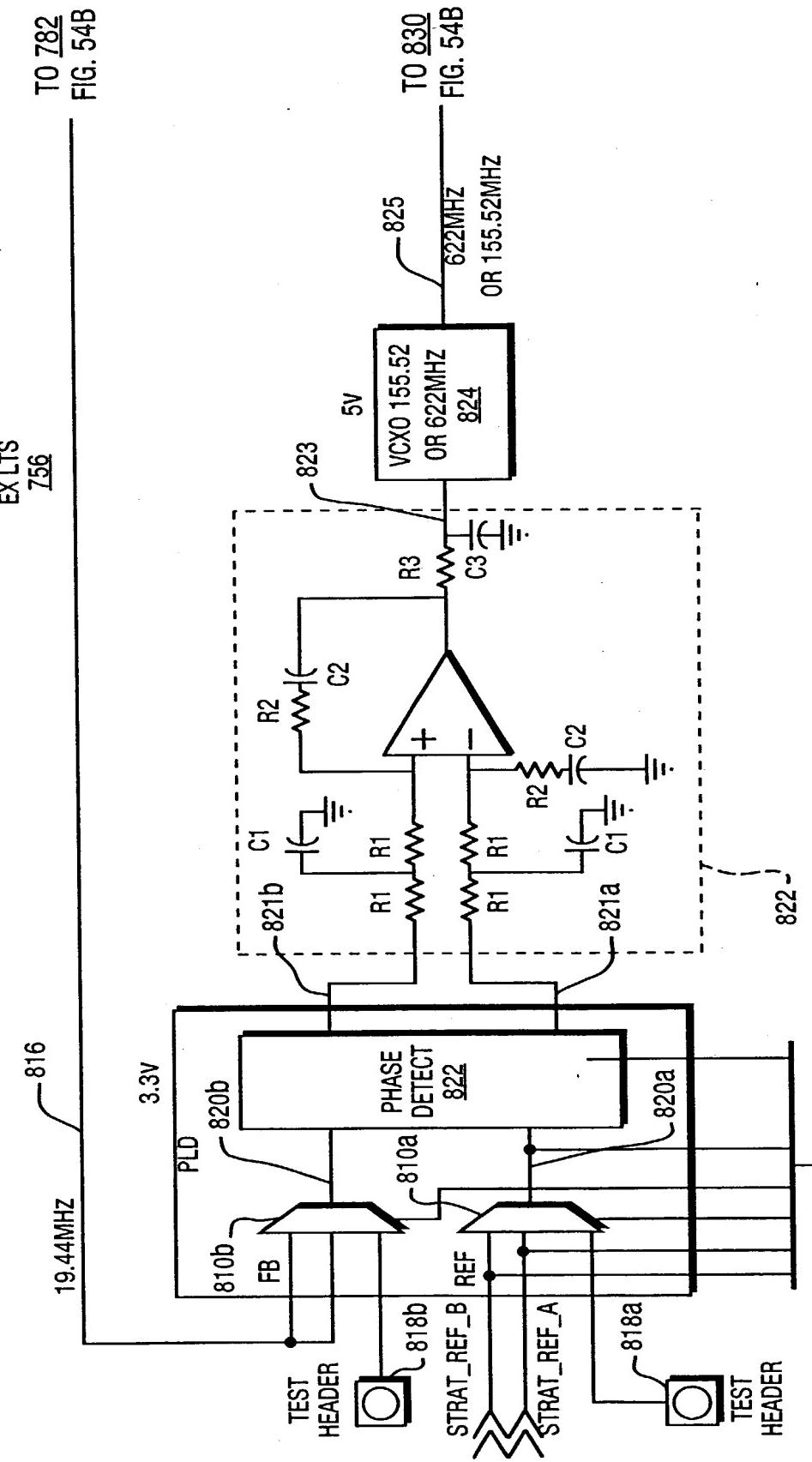


FIG. 54A

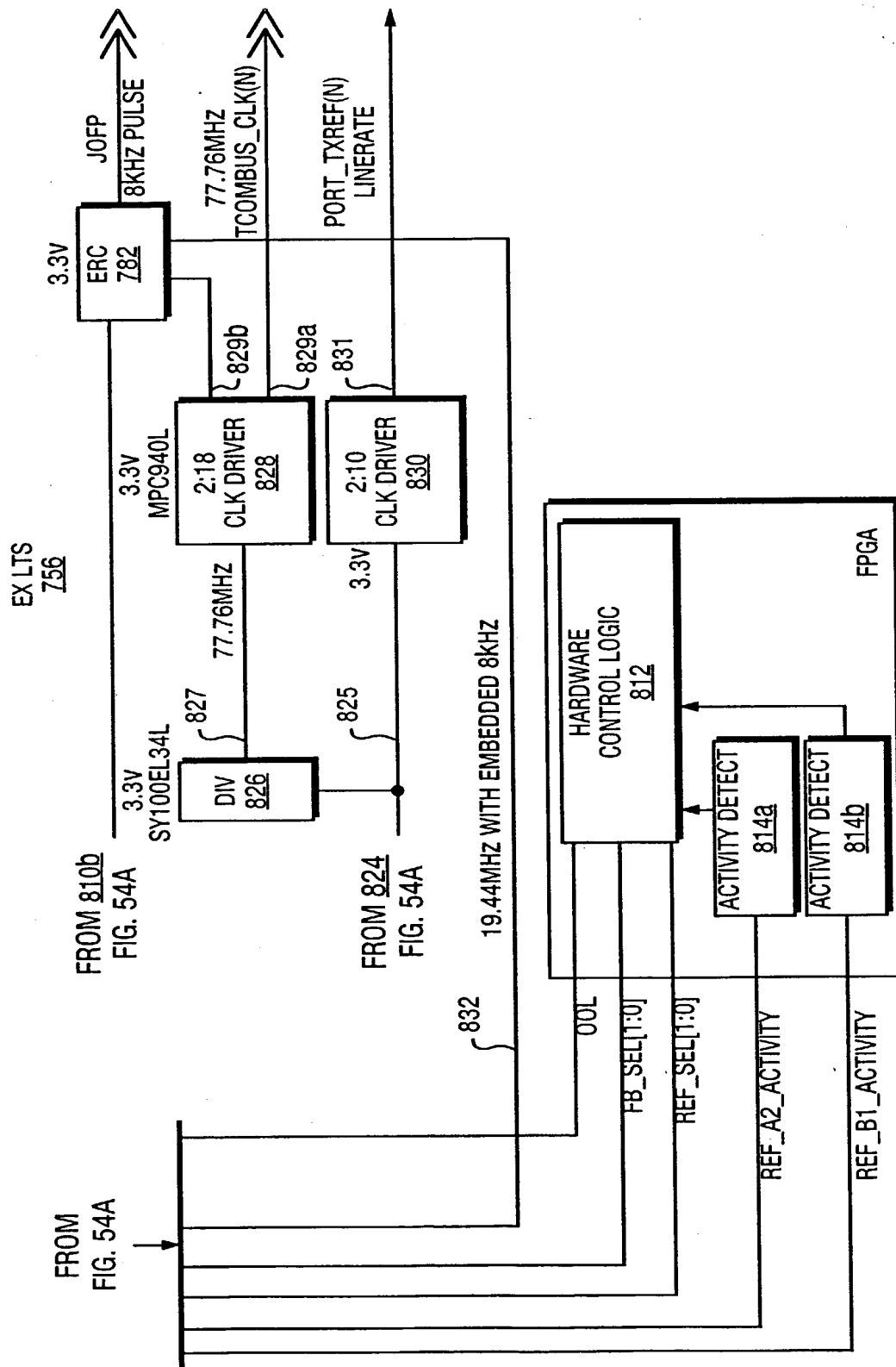


FIG. 54B

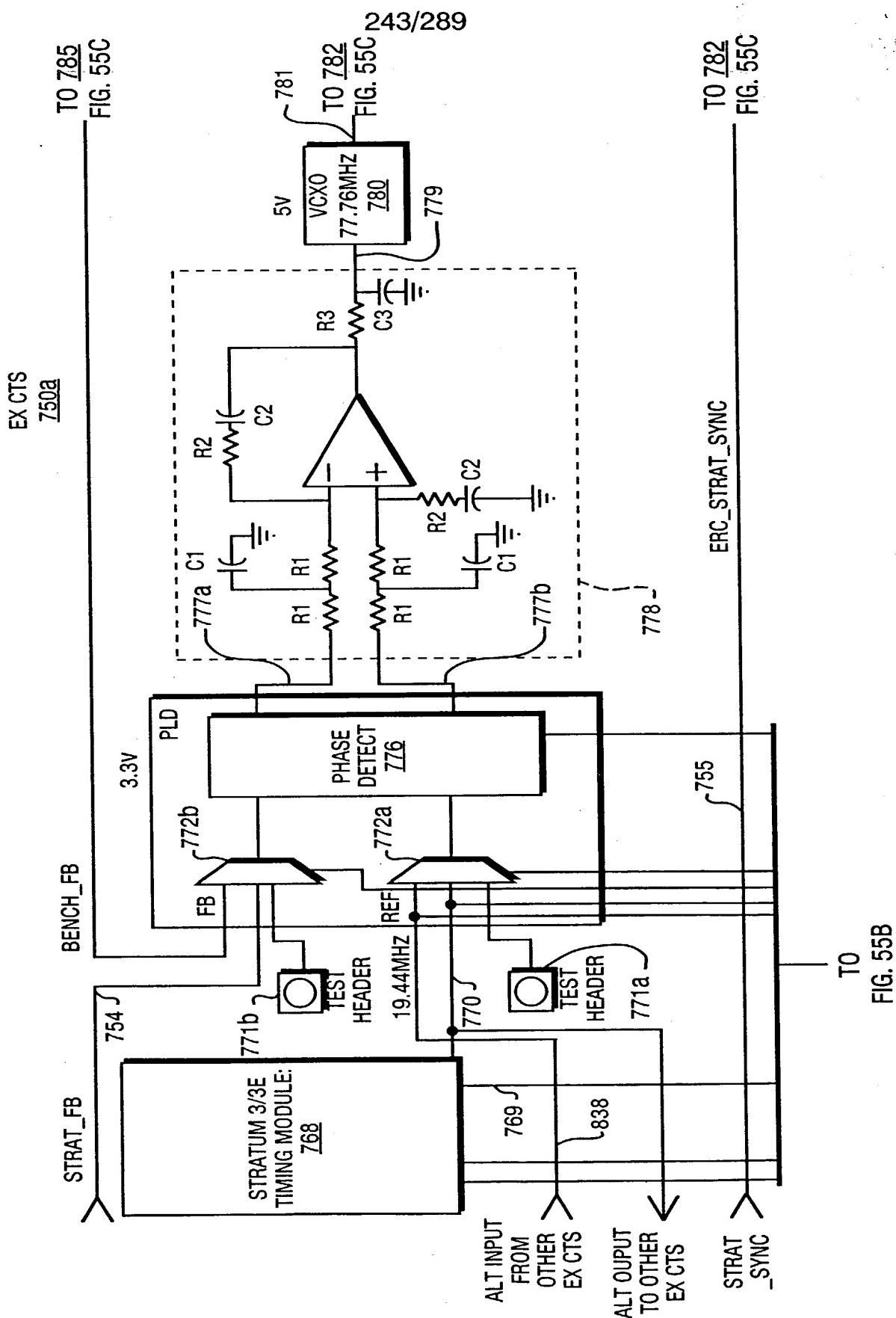


FIG. 55A

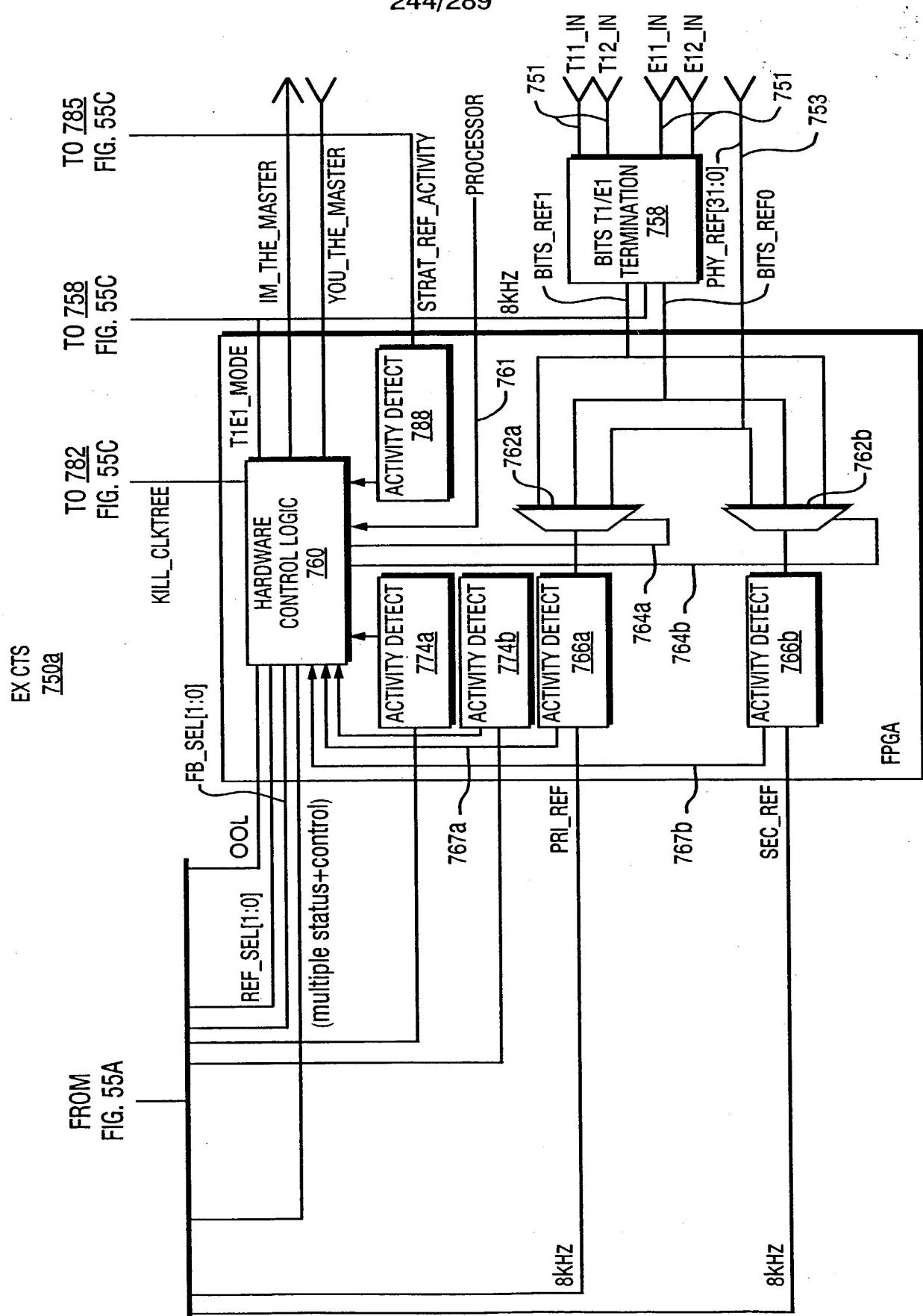


FIG. 55B

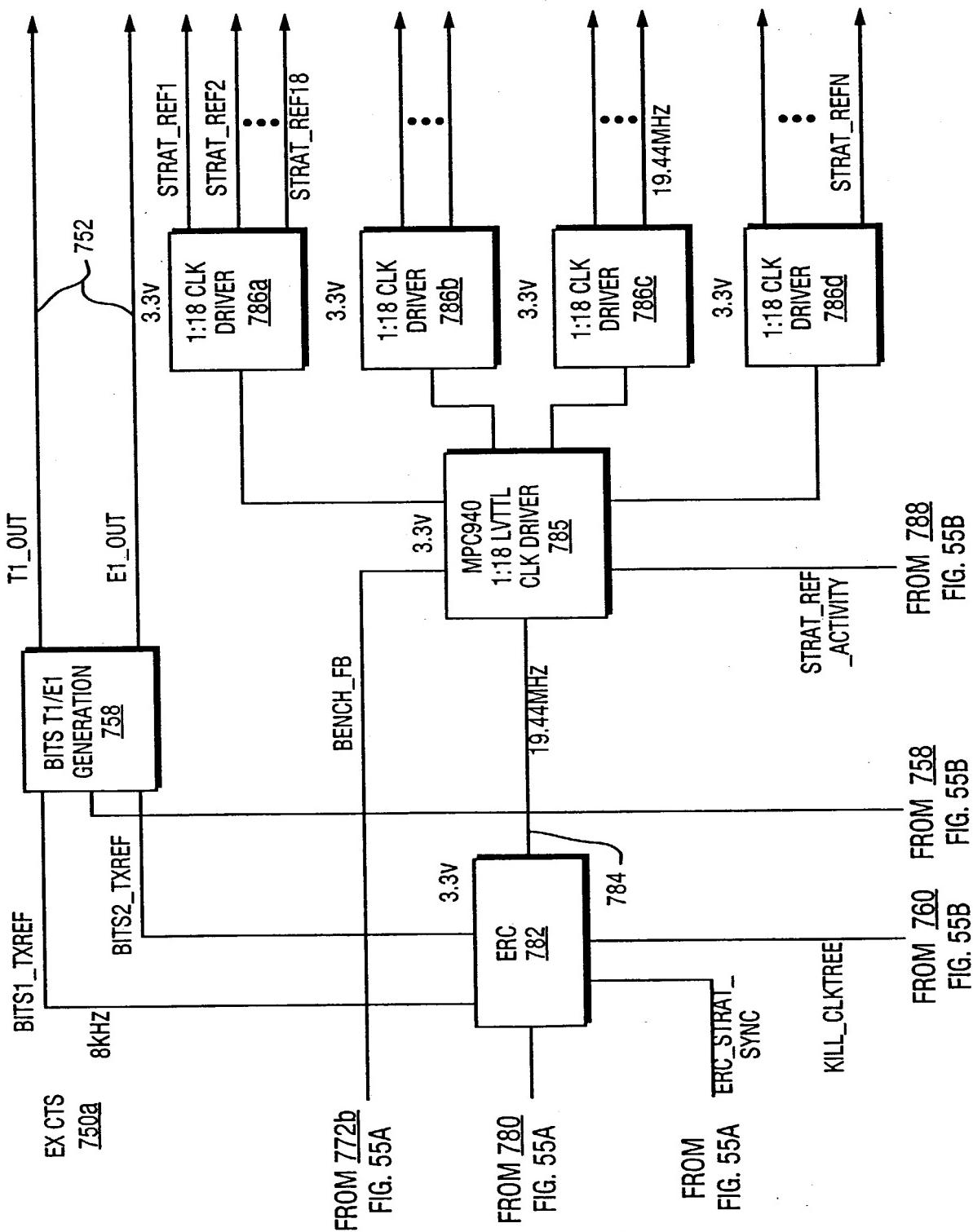


FIG. 55C

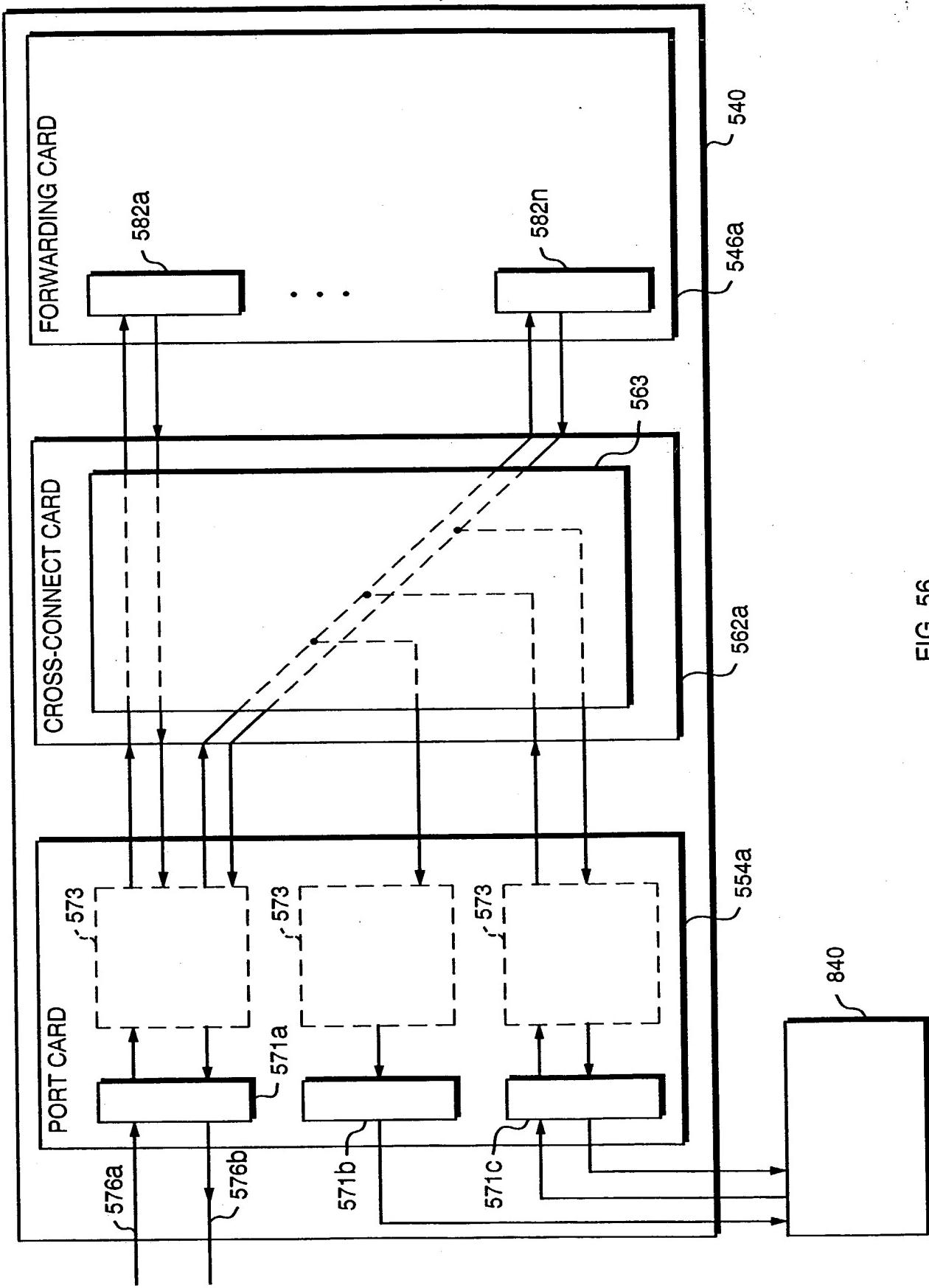


FIG. 56

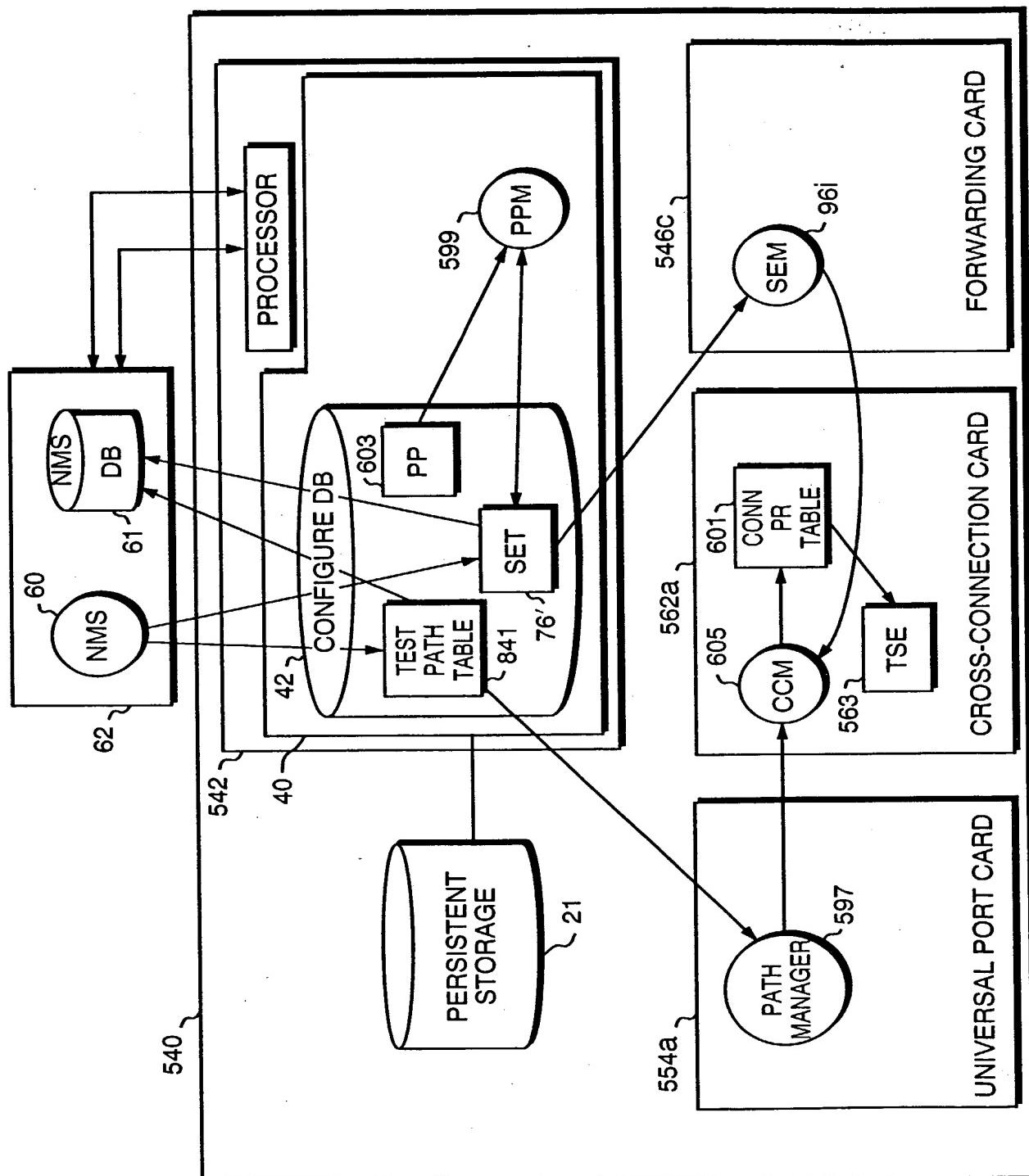


FIG. 57

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TEST PATH TABLE 841

842		843		844		845	
PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	MONITOR	ENABLE PORT RECEIVER	...	
1666	1232	4	3	INGRESS	NO		
1666	1233	4	3	EGRESS	NO		
1666	1233	4	3	INGRESS	YES		
.	
.	
.	

FIG. 58

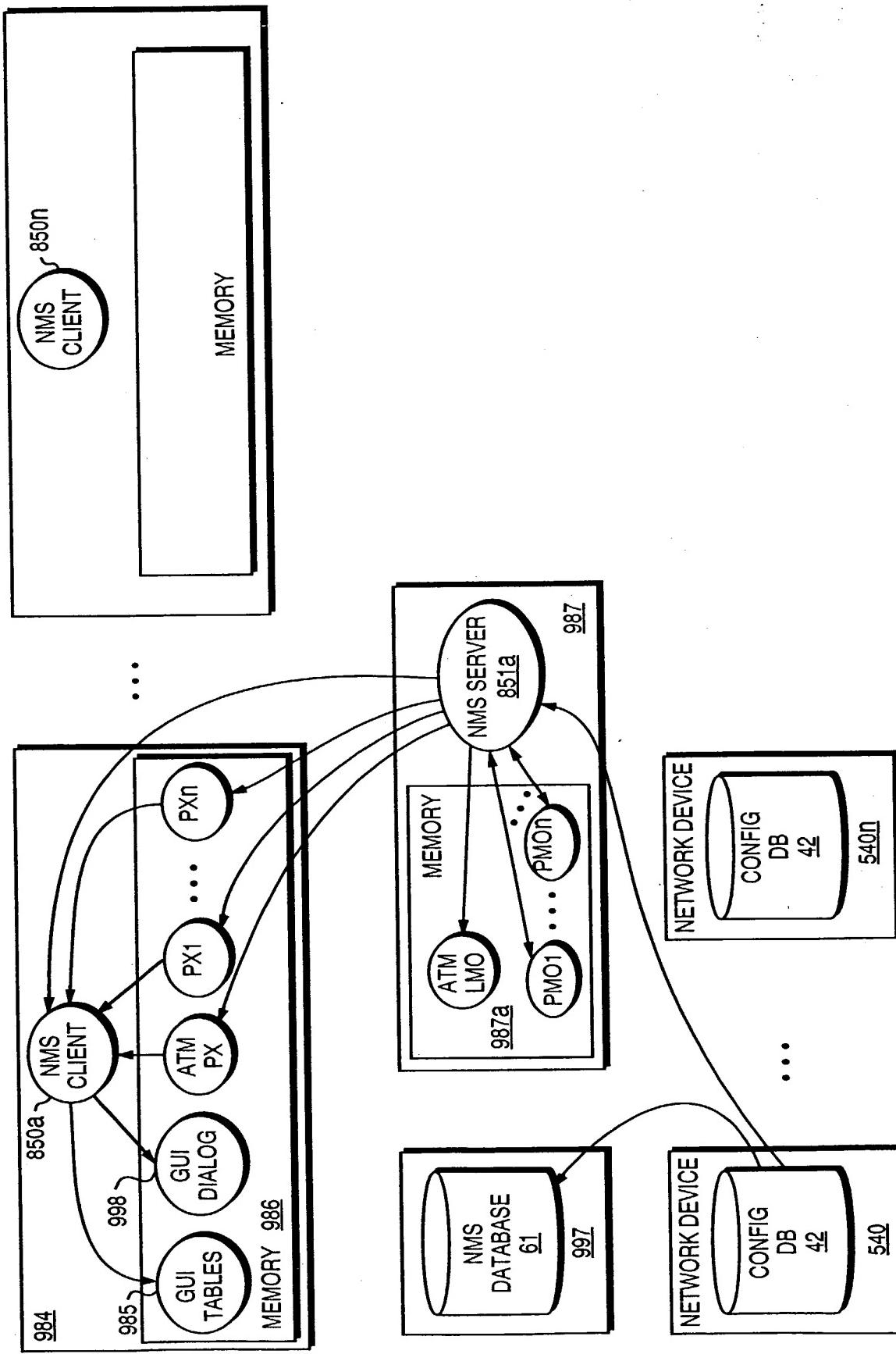


FIG. 59

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MANAGED DEVICE TABLE 983

PID	A1	...	An
1			

FIG 60A

CHASSIS TABLE 988

PID	A1	...	An	MANAGED DEVICE PID
1				1
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

FIG 60B

SHELF TABLE 989

PID	A1	...	An	CHASSIS PID
3				2
4				2
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
18				2

FIG 60C

SLOT TABLE 990

PID	A1	...	An	SHELF PID
20				3
21				3
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
116				18

FIG 60D

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CARD TABLE 47'

47a

PID	CWD TYPE	VERSION NO.	SLOT PID	...
120	0XF002	3	20	
121	0XF002	4	21	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
124	0X6002	1	24	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
131	0XF002	1	31	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

FIG 60E

PORT TABLE 49'

49a

PID	PORT TYPE	VERSION NO.	CARD PID	...
300	00620	1	20	
301	00620	1	20	
302	00620	1	20	
303	00620	1	20	
304	00820	1	20	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
400	00620	1	39	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

FIG 60F

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SONET PATH TABLE 600'

600b

PATH LID	PORT LID	TIME SLOT	# OF TIME SLOTS	...
901	304	4	3	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

FIG. 60G

SERVICE ENDPOINT TABLE 76''

76c 76d 76e 76b

SE LID	Q #	FC PID	FC SLICE PID	FC TIME SLOT	PATH LID	...
3000					901	
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•

FIG. 60H

ATM IF TABLE 114''

114b

ATM IF LID	ATM GROUP LID	SE LID	...
5054		3000	...
•	•	•	...
•	•	•	...
•	•	•	...

FIG. 60I

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VIRTUAL ATM IF TABLE 993

993a 993b

LID	A1	...	An	ATM IF LID
7489				5054
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

FIG 60J

VIRTUAL CONNECTION TABLE 994

994a 994b

LID	A1	...	An	VIR. ATM IF LID
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

FIG 60K

VIRTUAL LINK TABLE 995

995a 995b 995c

LID	A1	...	An	VIR. CONN. LID	CROSS. CONN. LID
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•

FIG 60L

CROSS-CONNECT TABLE 996

996a 996b 996c

LID	A1	...	An	VIR. LINK1 LID	VIR. LINK2 LID
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•

FIG 60M

ATM NODE TABLE 999

999a 999b 999c

LID	A1	...	An	MANAGED DEVICE PID
5000				1

FIG 60N

PHYSICAL MANAGED OBJECT 991

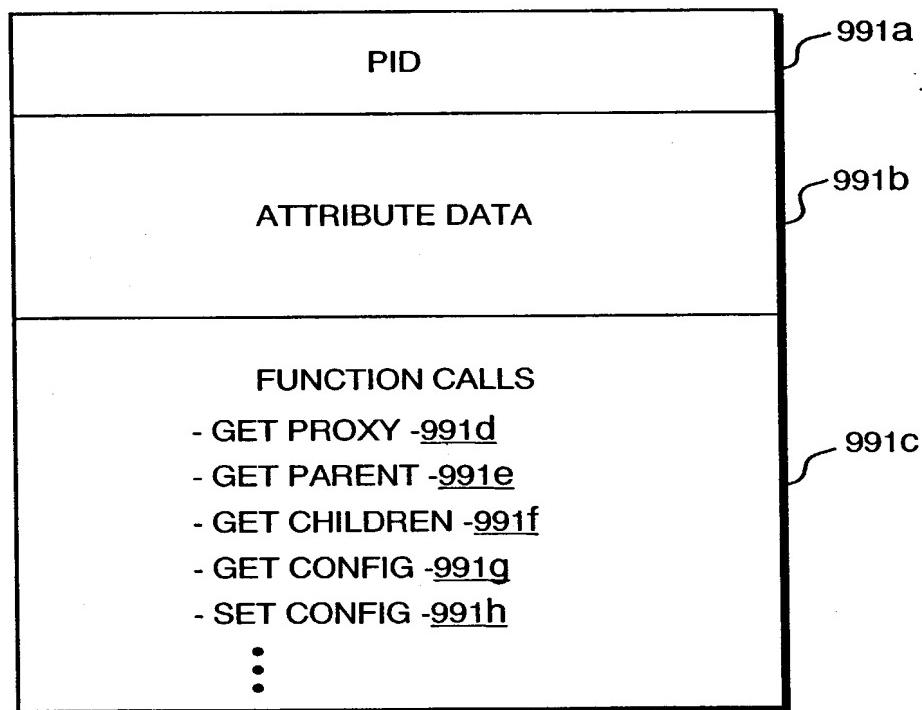


FIG. 61A

PROXY 992

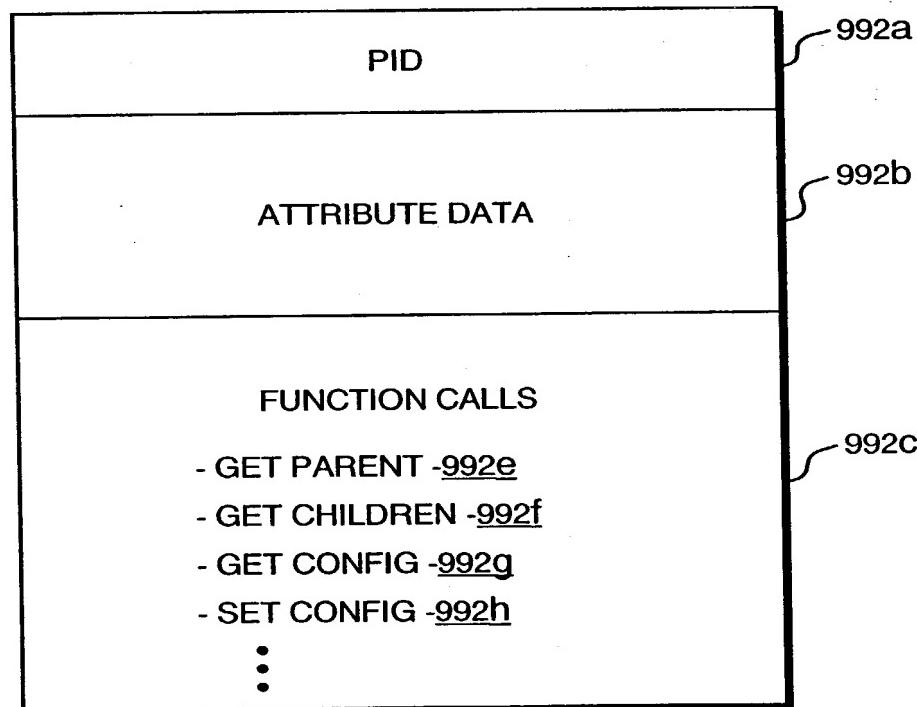


FIG. 61B

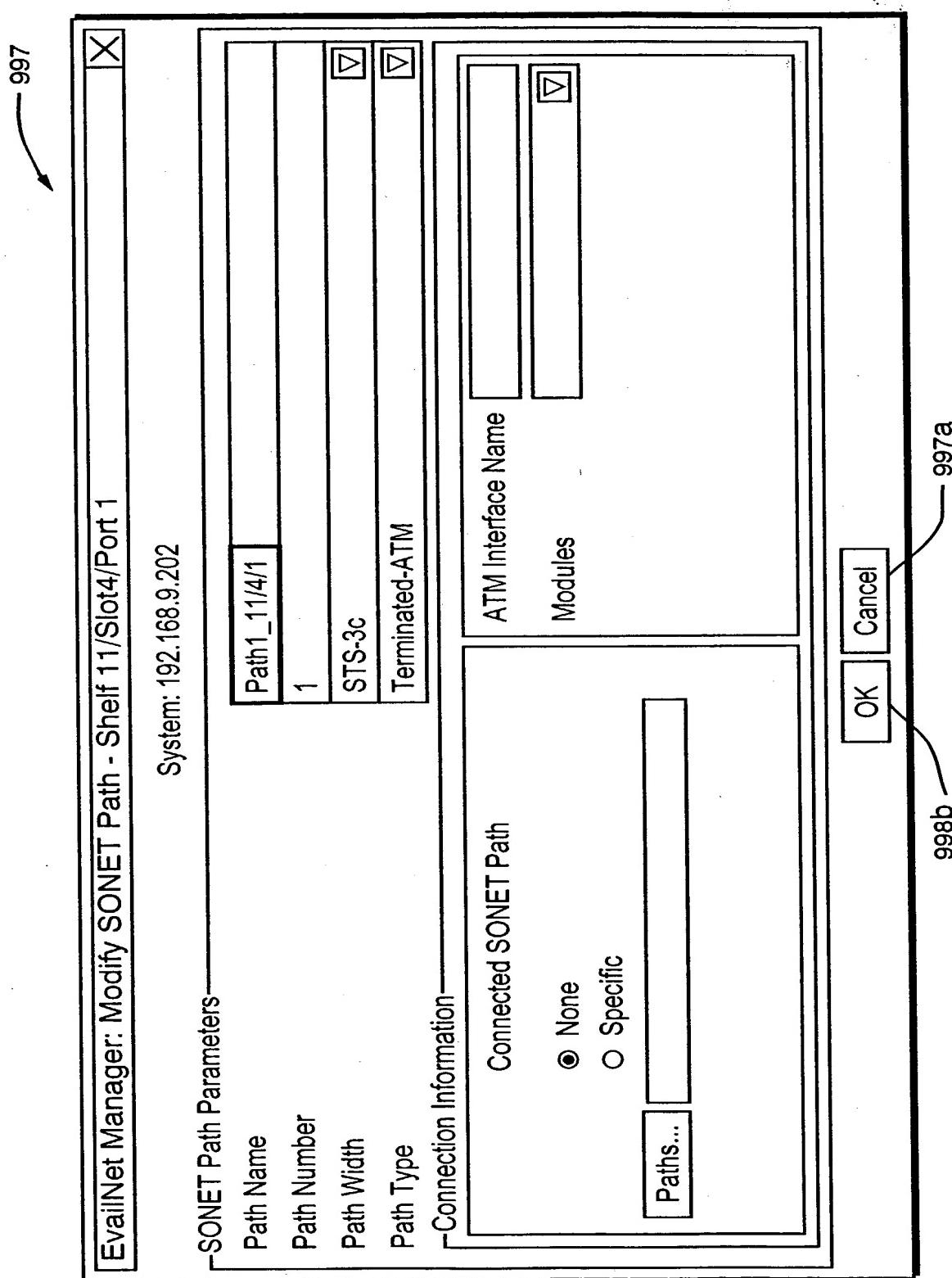


FIG. 62

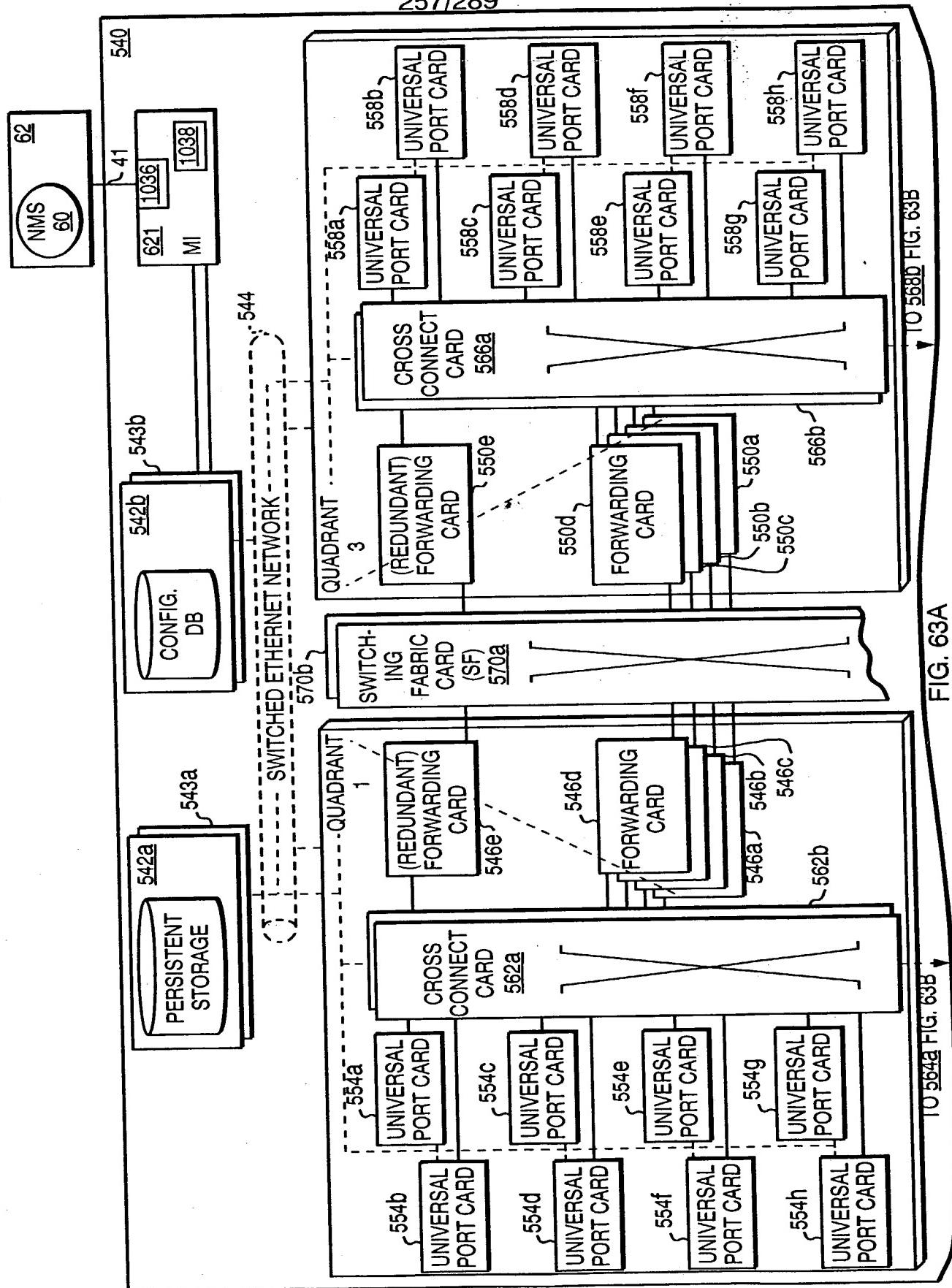
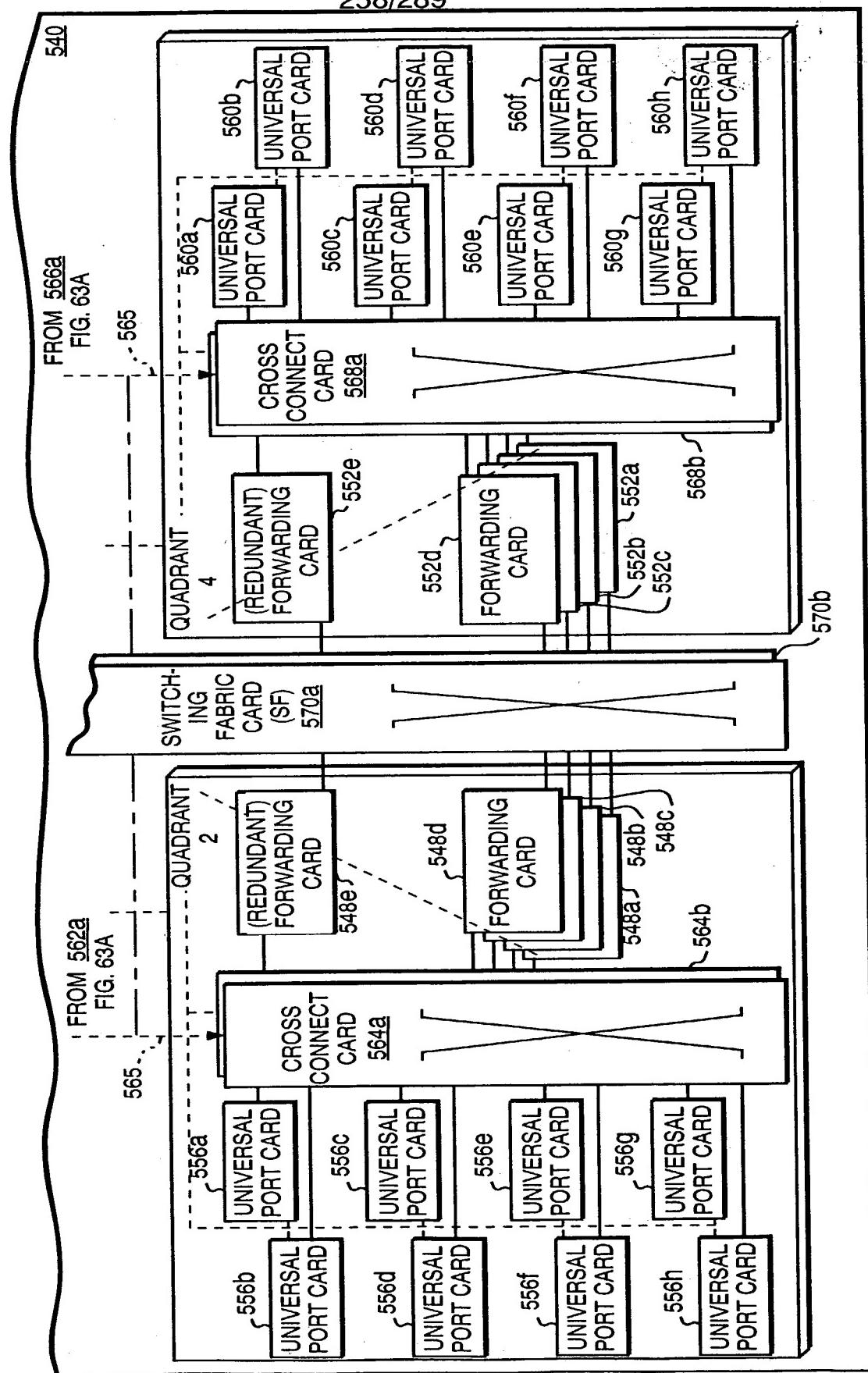


FIG. 63A



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ADMINISTRATION MANAGED DEVICE TABLE 1014'

LID	HOST ADDRESS	PORT ADDRESS	RETRY	TIMEOUT	ADMIN. PASSWORD	PROV. PASSWORD	VIEWER PASSWORD	PHYSICAL ID	PHYSICAL ID
				TEAM 1		TEAM 2	TEAM 3		
9046	192.168.9.202	1521			:	:	:		
:	:	:	:	:	:	:	:		
:	:	:	:	:	:	:	:		
:	:	:	:	:	:	:	:		

FIG. 64

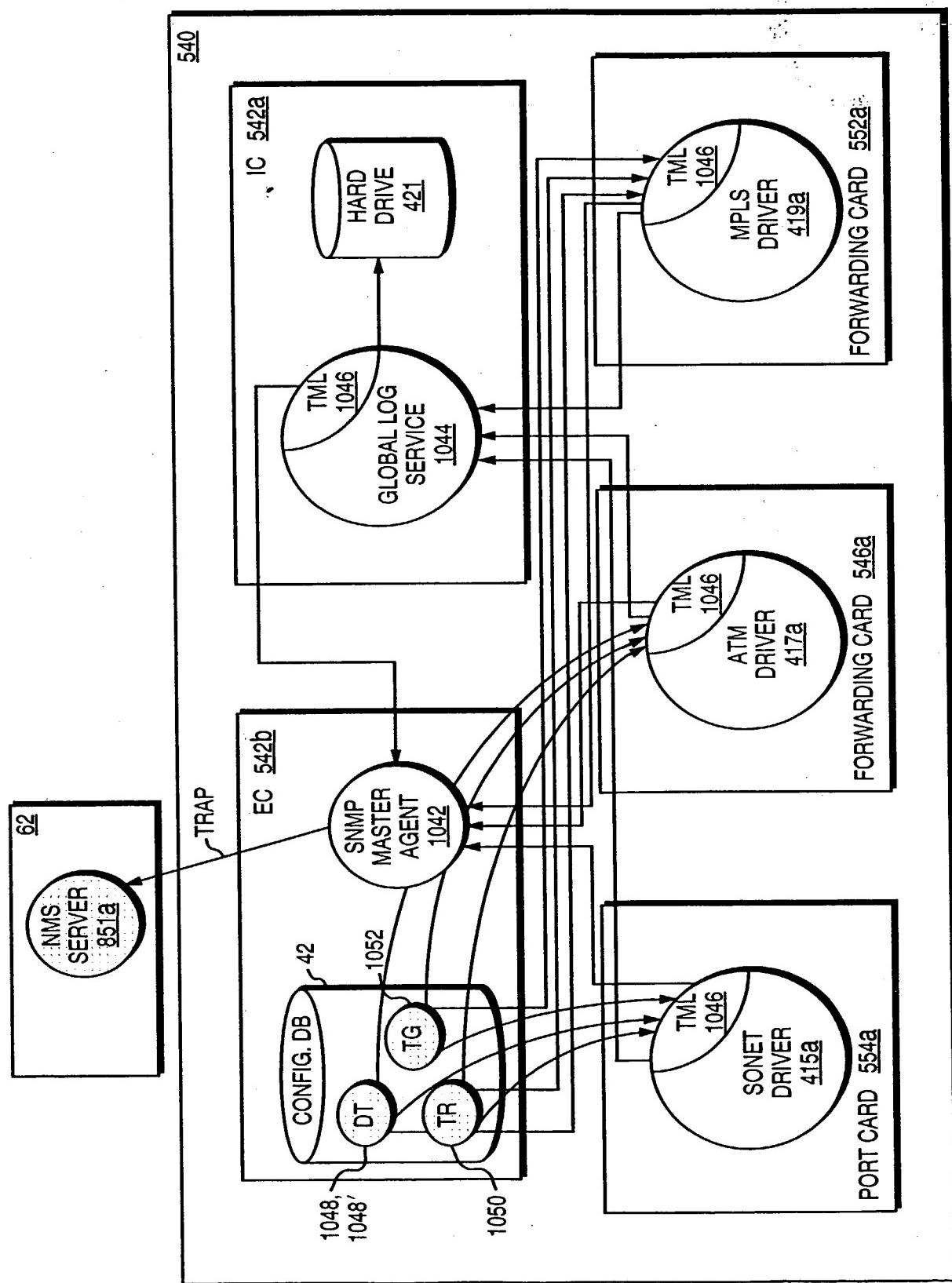


FIG. 65

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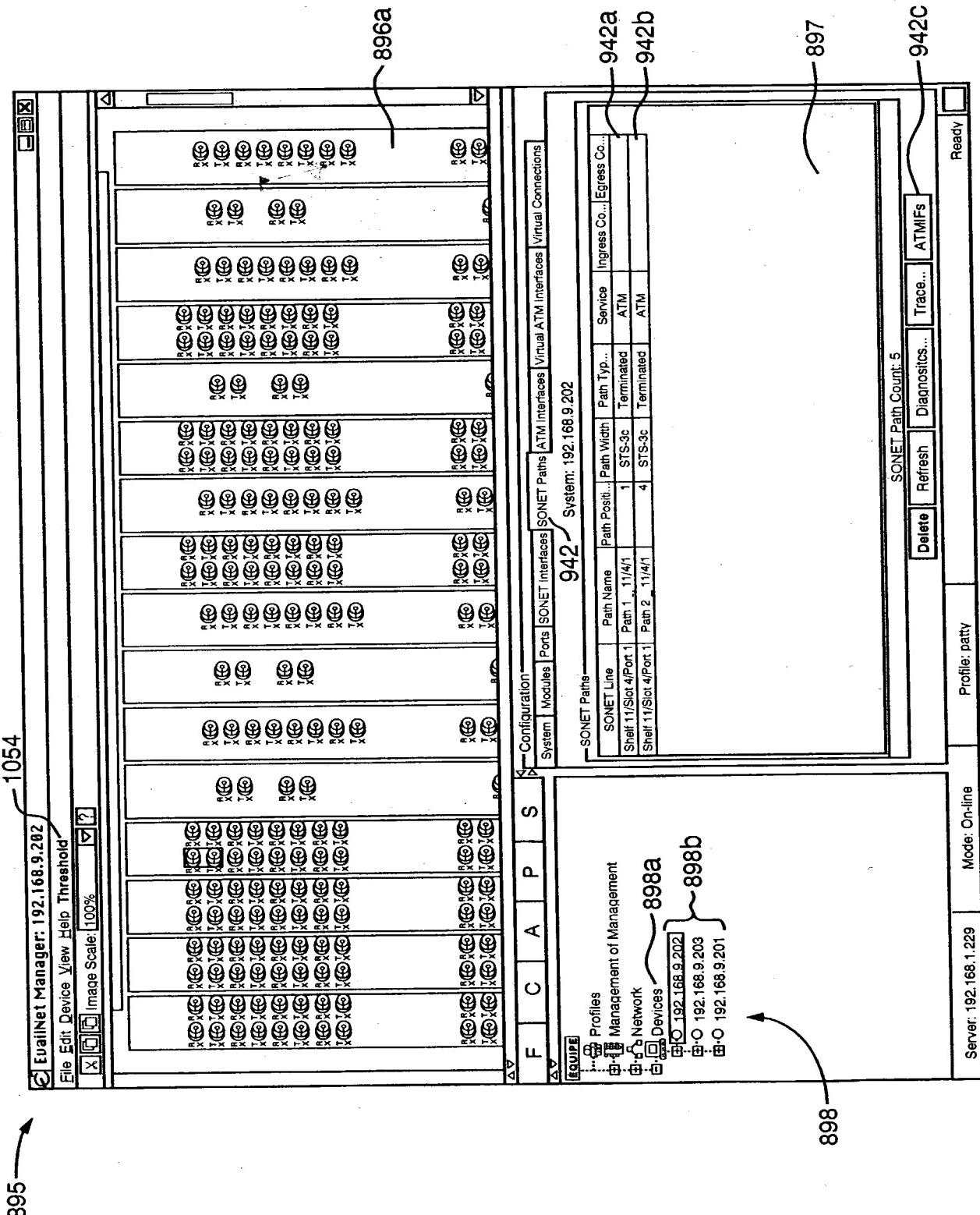


FIG. 66A

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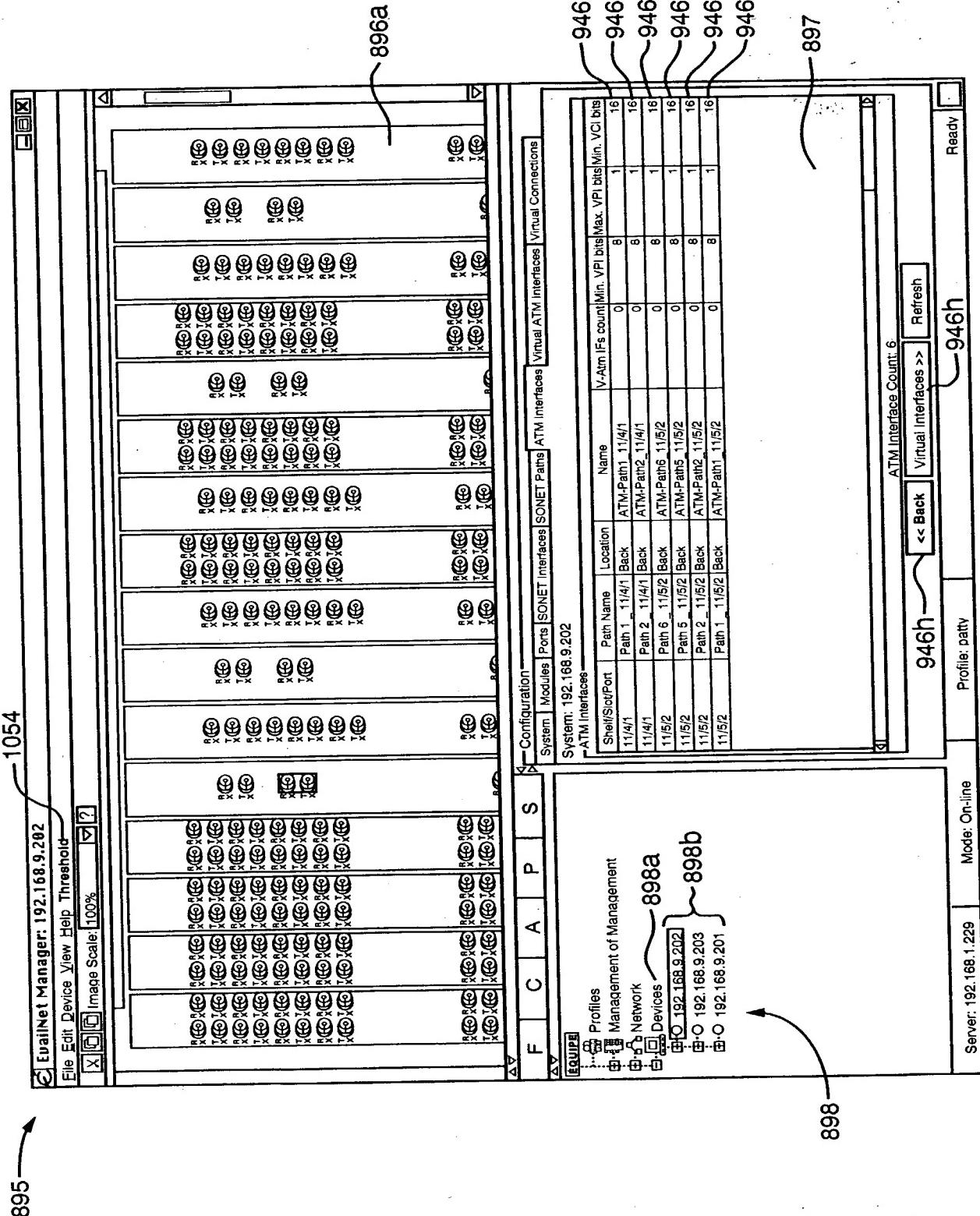


FIG. 66B

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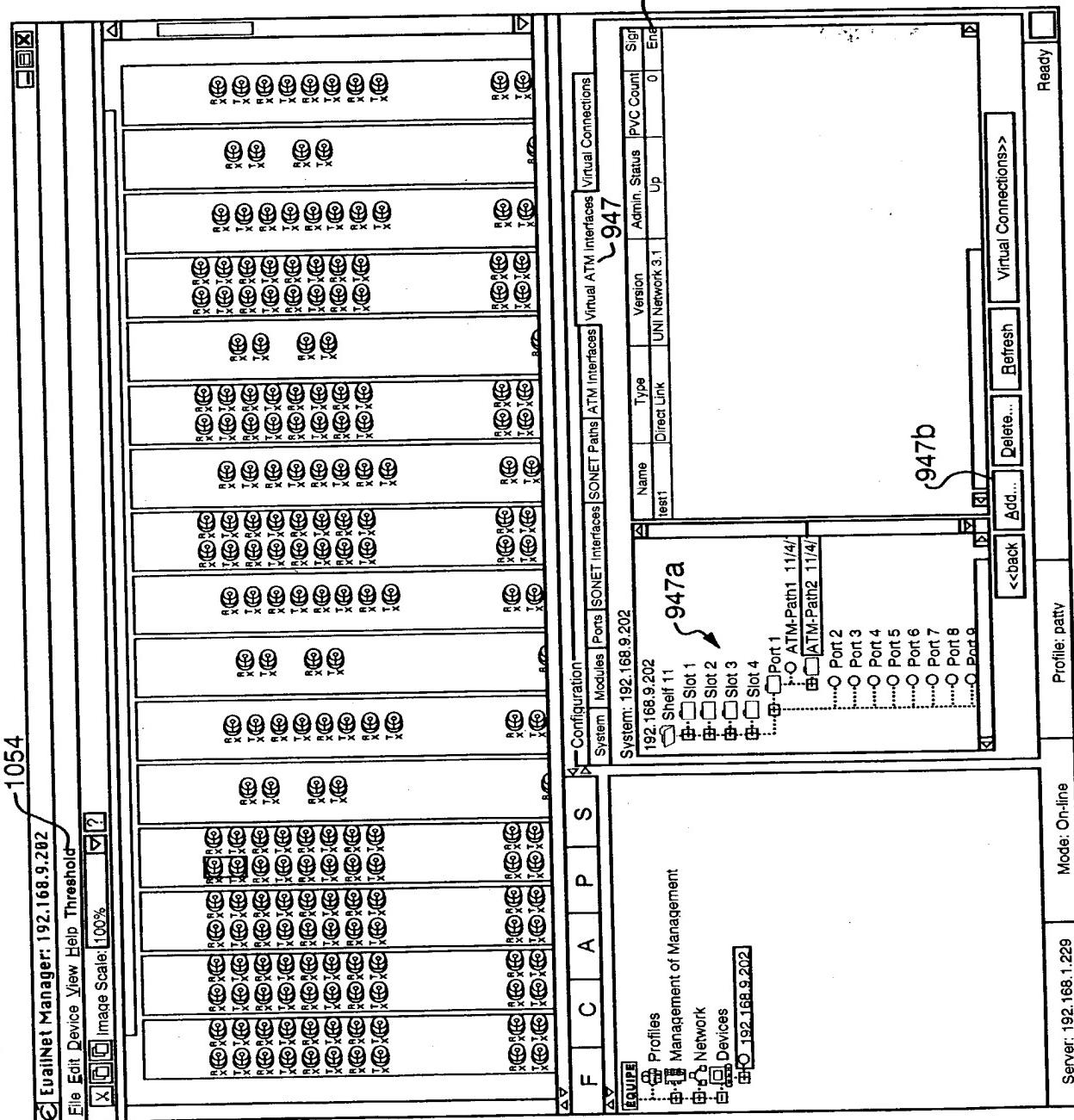
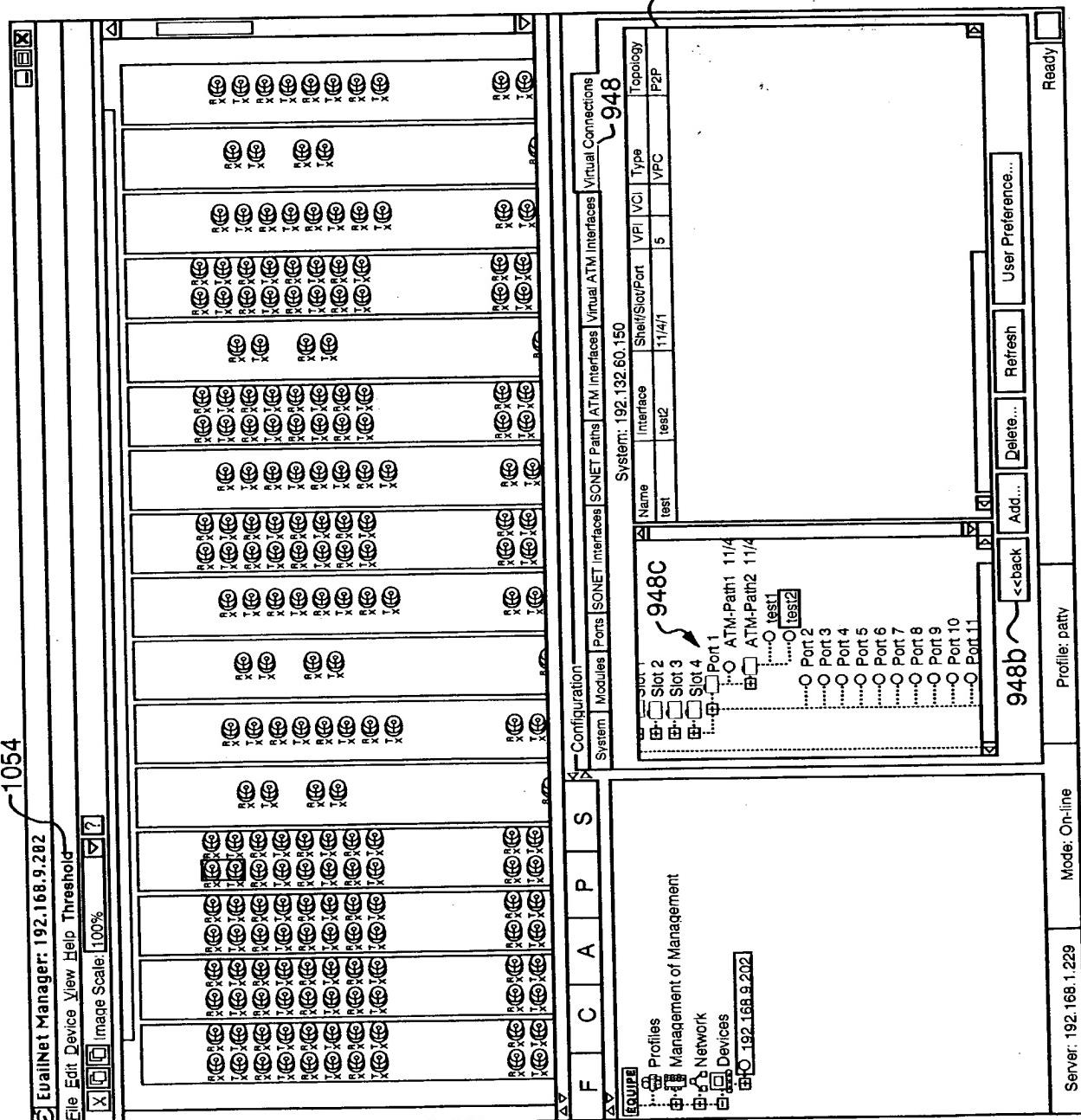


FIG. 66C

102689-85

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1054

895 ↗

FIG. 66D

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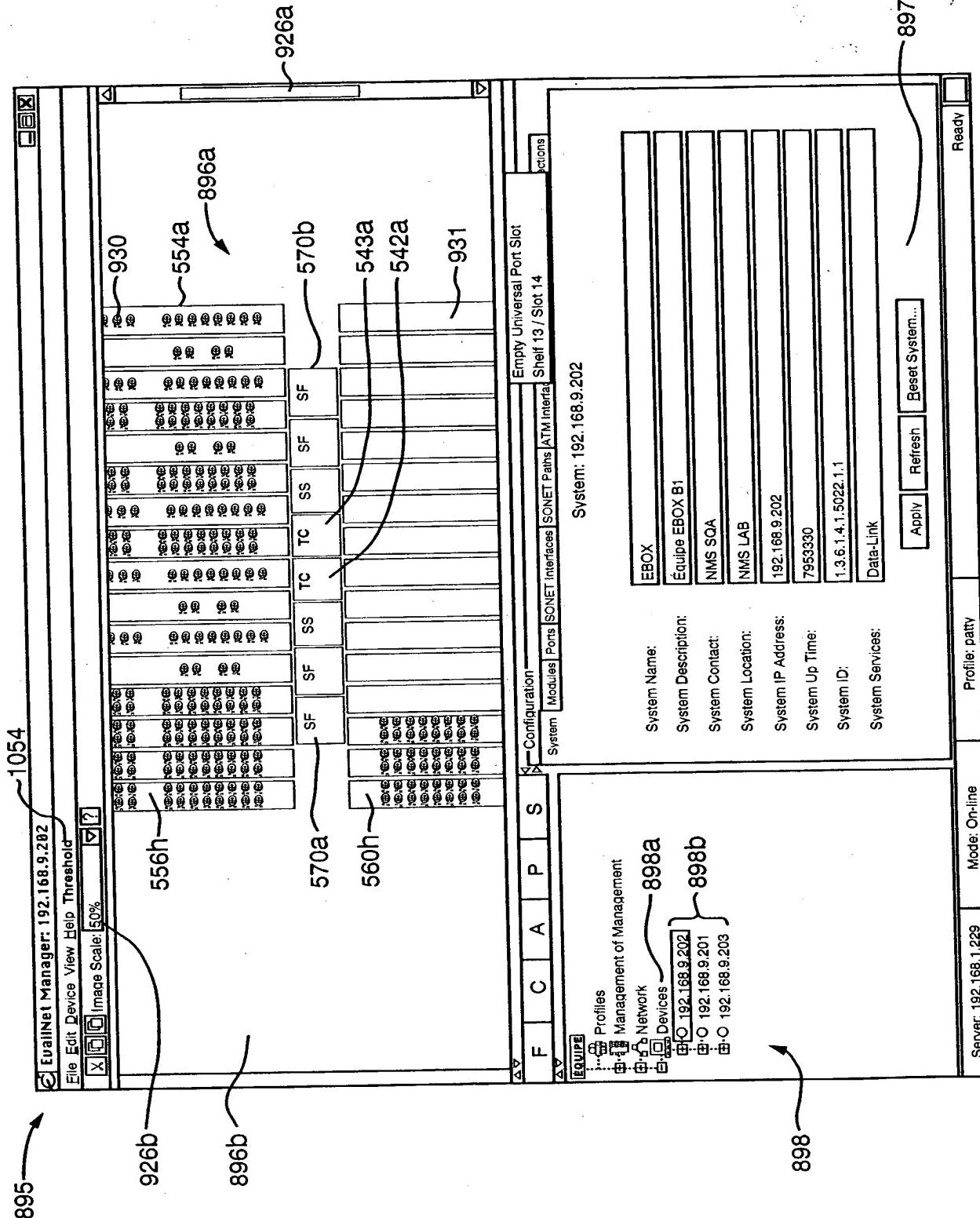


FIG. 66E

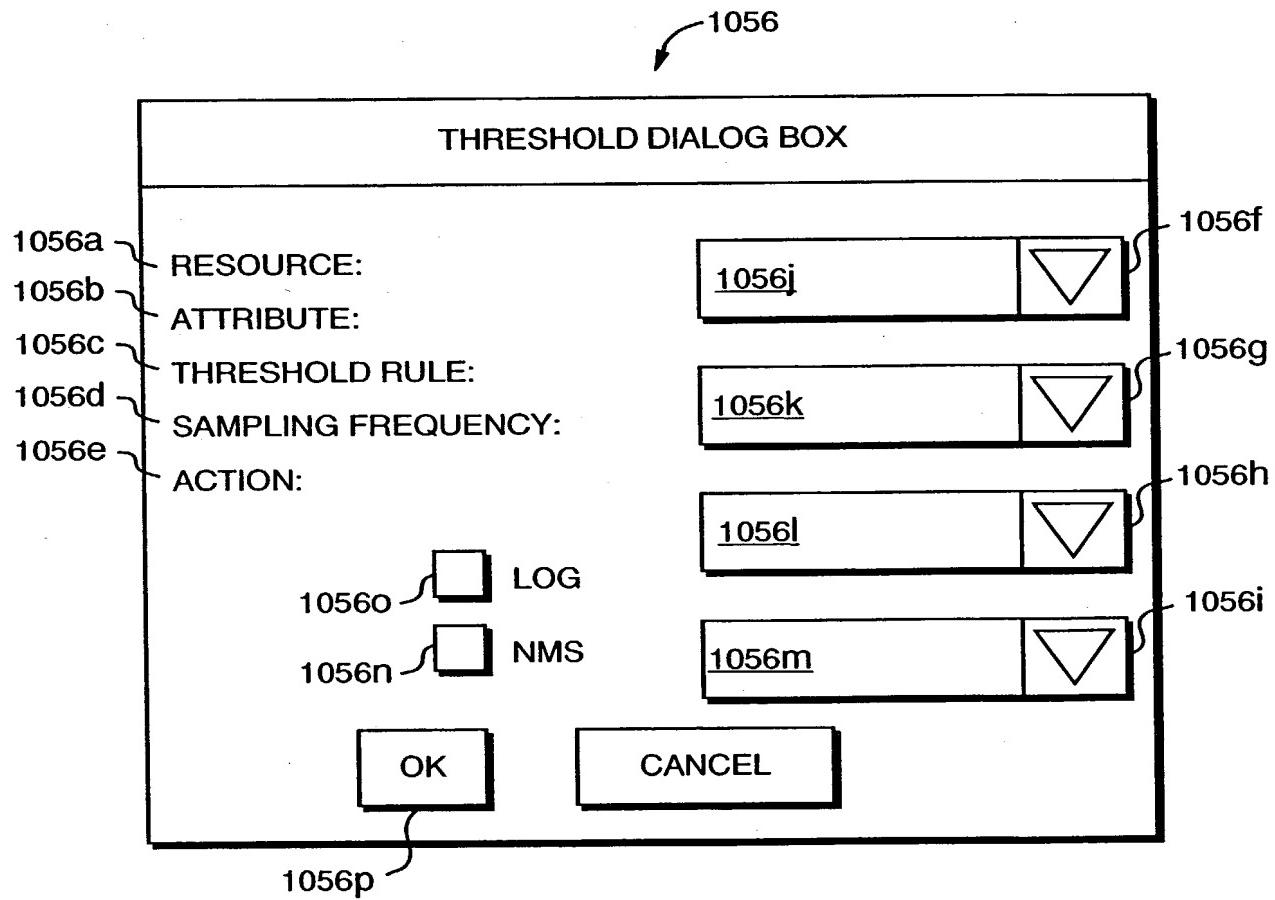


FIG. 67

DYNAMIC THRESHOLD TABLE		1048	
1048a	1048C	1048d	1048e
RESOURCE ID	ATTRIBUTE	SAMPLING FREQ.	ACTION
1048g	UNAVAILABLE SECONDS (PATH END)	15 min	LOG IF ATTRIBUTE > 10
901	PATH ERRORS (PATH END)	15 min	TRAP IF ATTRIBUTE < 5 OR > 10
901	PATH ERRORS (PATH END)	5 min	LOG & TRAP IF ATTRIBUTE < 5 OR > 10
...
5054	FAILED CALL ATTEMPTS	10 min	TRAP IF ATTRIBUTE > 8 BETWEEN 8:00am-7:00pm OR > 2 BETWEEN 7:00pm-8:00am
1048h	HCS ERRORS	12 min	TRAP IF ATTRIBUTE > 13
...
7312	RX TRAFFIC	1 HOUR	TRAP IF ATTRIBUTE < 4
7312	TX TRAFFIC	1 HOUR	TRAP IF ATTRIBUTE = 0
...

FIG. 68

DYNAMIC THRESHOLD TABLE 1048'

THR. GROUP LID	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE
8312	SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	IF ATTRIBUTE > 10
8312	SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	IF ATTRIBUTE < 5 OR >10
8312	SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	IF ATTRIBUTE < 5 OR >10
•	•	•	•	•	•
8433	ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	IF ATTRIBUTE > 8 BETWEEN 8:00am-7:00pm OR > 2 BETWEEN 7:00pm-8:00am
8433	ATM IF	HCS ERRORS	12 min	TRAP	IF ATTRIBUTE > 13
•	•	•	•	•	•
8542	VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE < 4
8542	VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE = 0
•	•	•	•	•	•

FIG. 69A

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10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

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THRESHOLD GROUP TABLE 1052

RESOURCE ID	THRESHOLD GROUP LID
901	8312
902	8313
903	8312
•	•
•	•
•	•
5054	8433
•	•
•	•
•	•
7312	8542

FIG. 69B

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DYNAMIC THRESHOLD TABLE 1048''

1048a''		1048b''		1048c''		1048d''		1048e''		1048f''		1048g''		1048h''		1048i''		1048j''		1048k''		1048l''		1048t''	
THR. GROUP LID	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE LID	VARIAB. a	VARIAB. b	VARIAB. c	VARIAB. d	VARIAB. e	VARIAB. f	VARIAB. g	VARIAB. h	VARIAB. i	VARIAB. j	VARIAB. k	VARIAB. l	VARIAB. m	VARIAB. n						
1048u''	8312	SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	9421	10																		
	8312	SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	9422	5	10																	
	8312	SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	9422	5	10																	
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮			
	8433	ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	9423	8	8:00am	7:00pm	2	7:00pm	8:00am													
	8433	ATM IF	HCS ERRORS	12 min	TRAP	9421	13																		
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮			
	8542	VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	9424	4																		
	8542	VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	9425																			
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮			

FIG. 70A

THRESHOLD RULE TABLE 1050

1050a 1050c	RULE LID	EXPRESSION	1050b
	9421	IF ATTRIBUTE > a	
	9422	IF ATTRIBUTE < a OR > b	
	9423	IF ATTRIBUTE > a BETWEEN b-c OR > d BETWEEN e-f	
	9424	IF ATTRIBUTE < a	
	9425	IF ATTRIBUTE = 0	
	9426	RMON	
	9427	FOE	
	9428	IF ATTRIBUTE < a GO TO RULE LID b	
	•	•	
	•	•	
	•	•	

FIG. 70B

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DYNAMIC THRESHOLD TABLE 1048

1048a''		1048b''		1048c''		1048d''		1048e''		1048f''		1048g''		1048h''		1048i''		1048j''		1048k''		1048l''		1048m''		1048n''		1048o''		1048p''		1048q''		1048r''		1048s''		1048t''		1048w''		1048x''		1048y''	
THR. GROUP LID	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE LID	VARIAB. a	VARIAB. b	VARIAB. c	VARIAB. d	VARIAB. e	VARIAB. f	VARIAB. g	VARIAB. h	VARIAB. i	VARIAB. j	VARIAB. k	VARIAB. l	VARIAB. m	VARIAB. n	VARIAB. o	VARIAB. p	VARIAB. q	VARIAB. r	VARIAB. s	VARIAB. t	VARIAB. u	VARIAB. v	VARIAB. w	VARIAB. x	VARIAB. y	VARIAB. z	ACTIVE/ INACTIVE													
1048u''	8312 SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	9421	10																																							
1048v''	8312 SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	9422	5	10																																						
1048w''	8312 SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	9422	5	10																																						
1048x''	8433 ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	9423	8	8:00am	7:00pm	2	7:00pm	8:00am																																		
1048y''	8433 ATM IF	HCS ERRORS	12 min	TRAP	9421	13																																							
1048z''	8542 VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	9424	4																																							
1048aa''	8542 VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	9425																																								
1048ab''	8588 HARD DRIVE	UNUSED DISK SPACE	5 min	LOG	9428	80	9424																																						
1048ac''	8588 HARD DRIVE	UNUSED DISK SPACE	30 sec	TRAP	9424	20																																							

FIG. 71

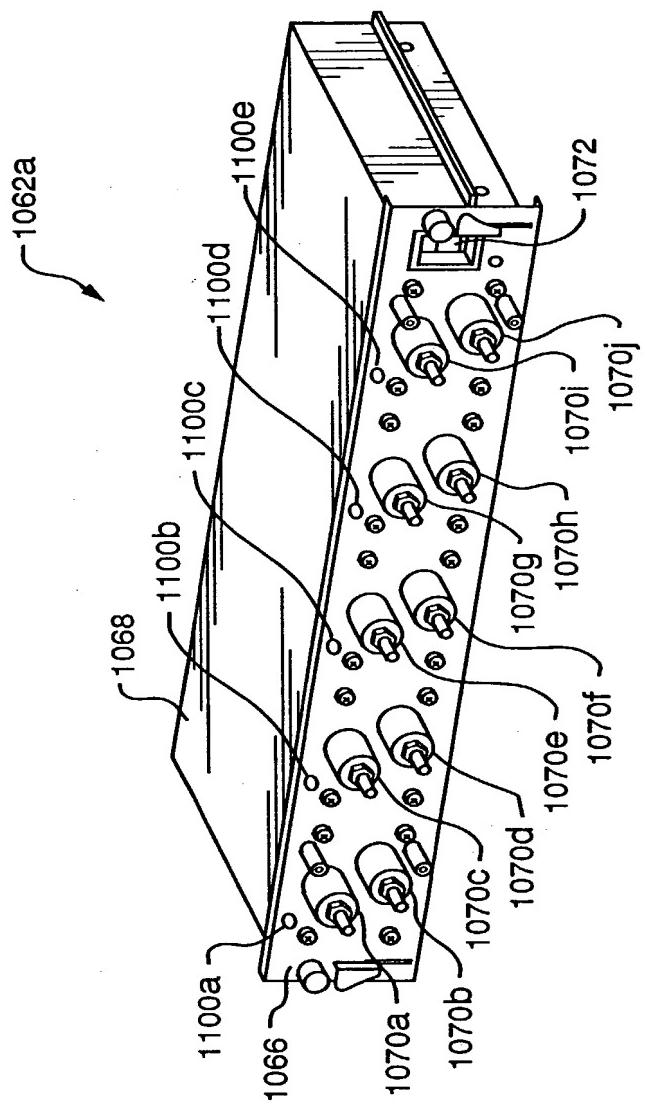


FIG. 72A

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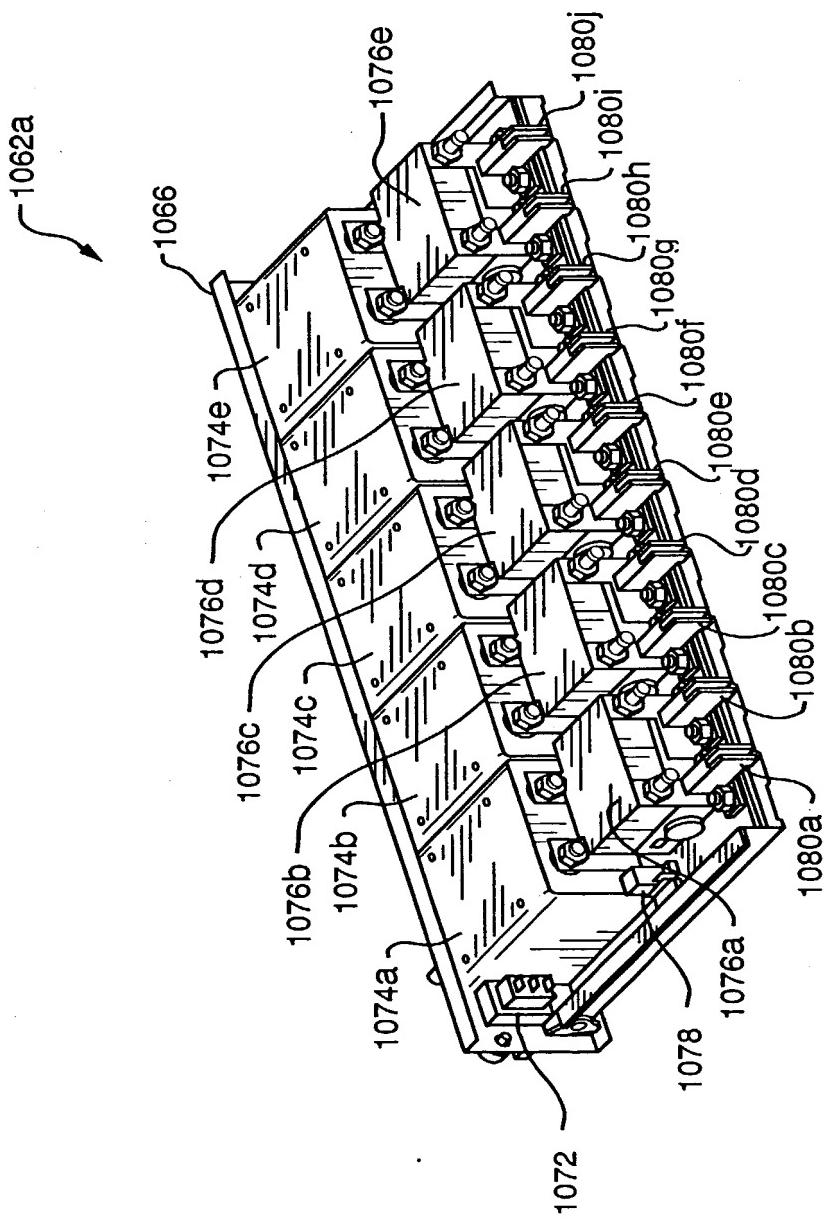
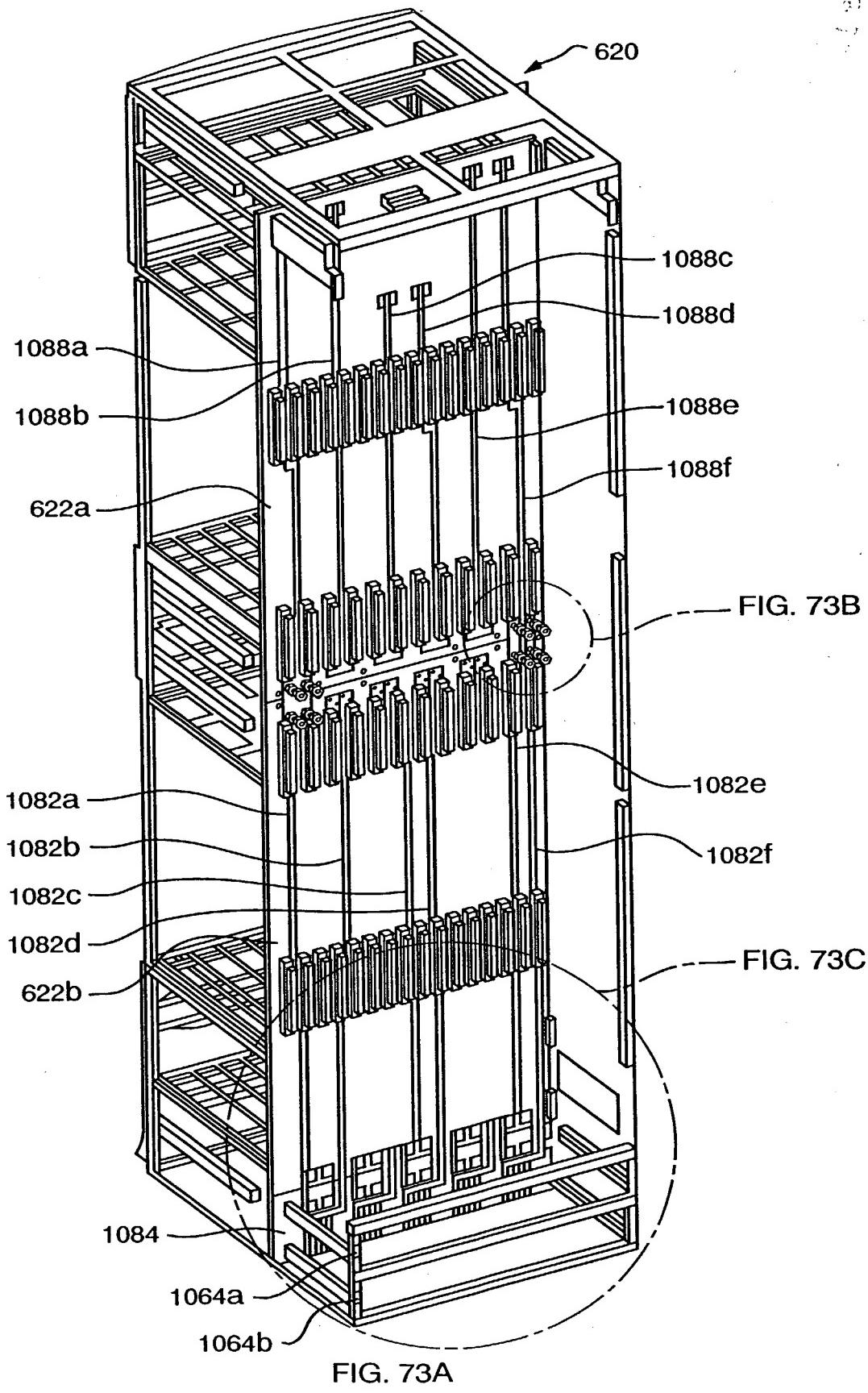


FIG. 72B

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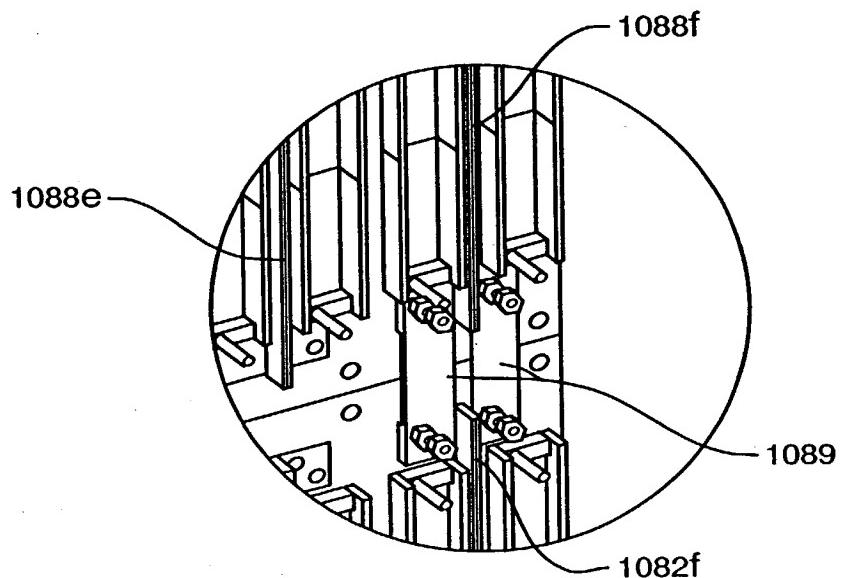


FIG. 73B

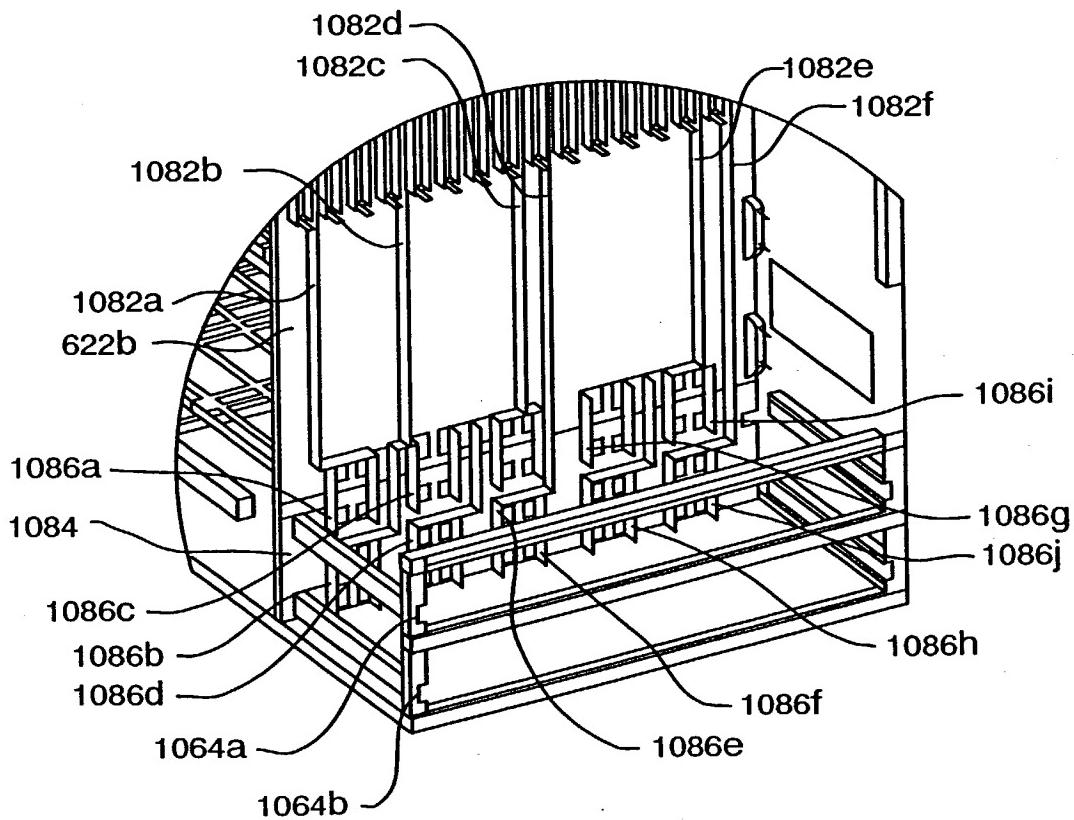


FIG. 73C

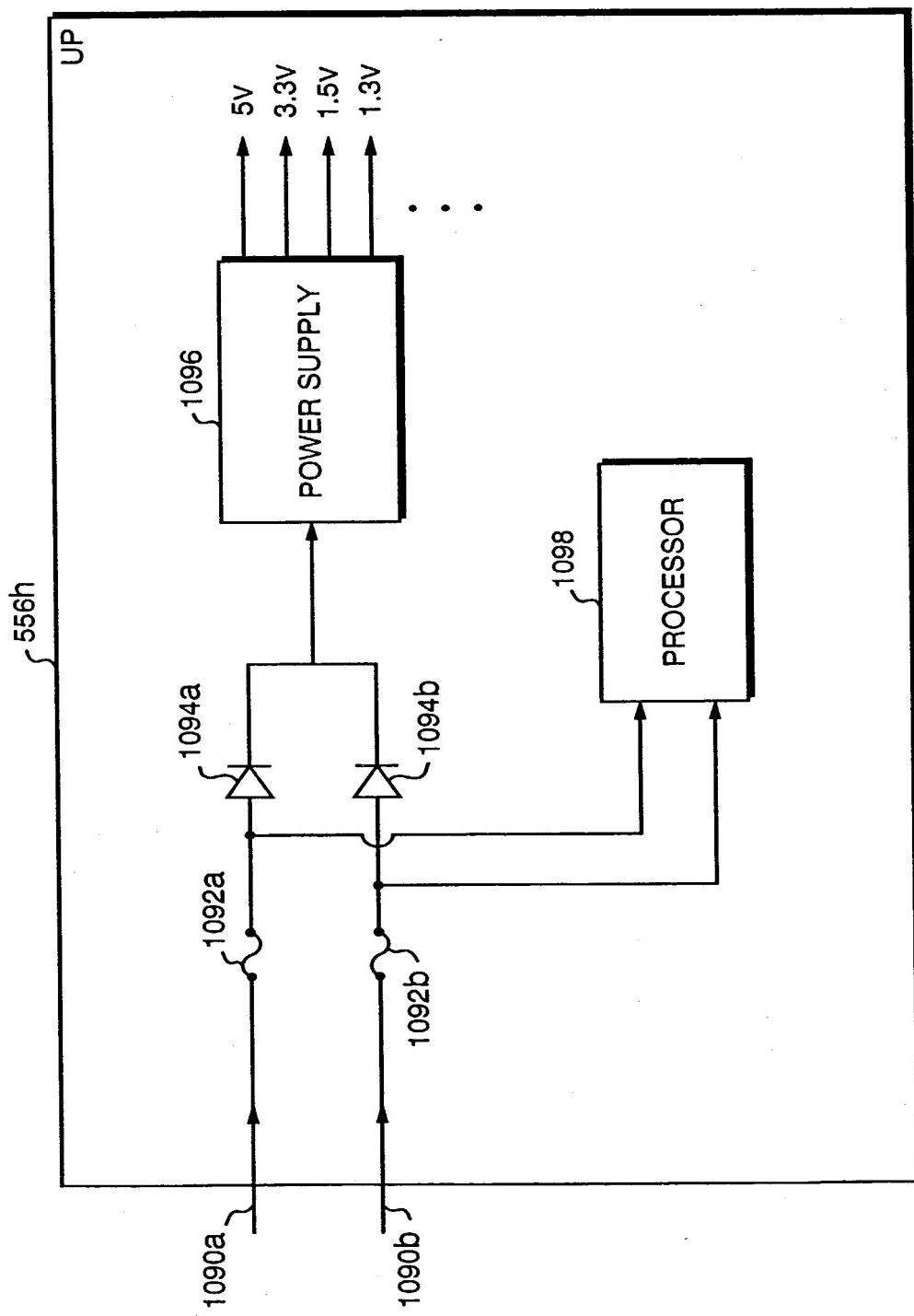


FIG. 74

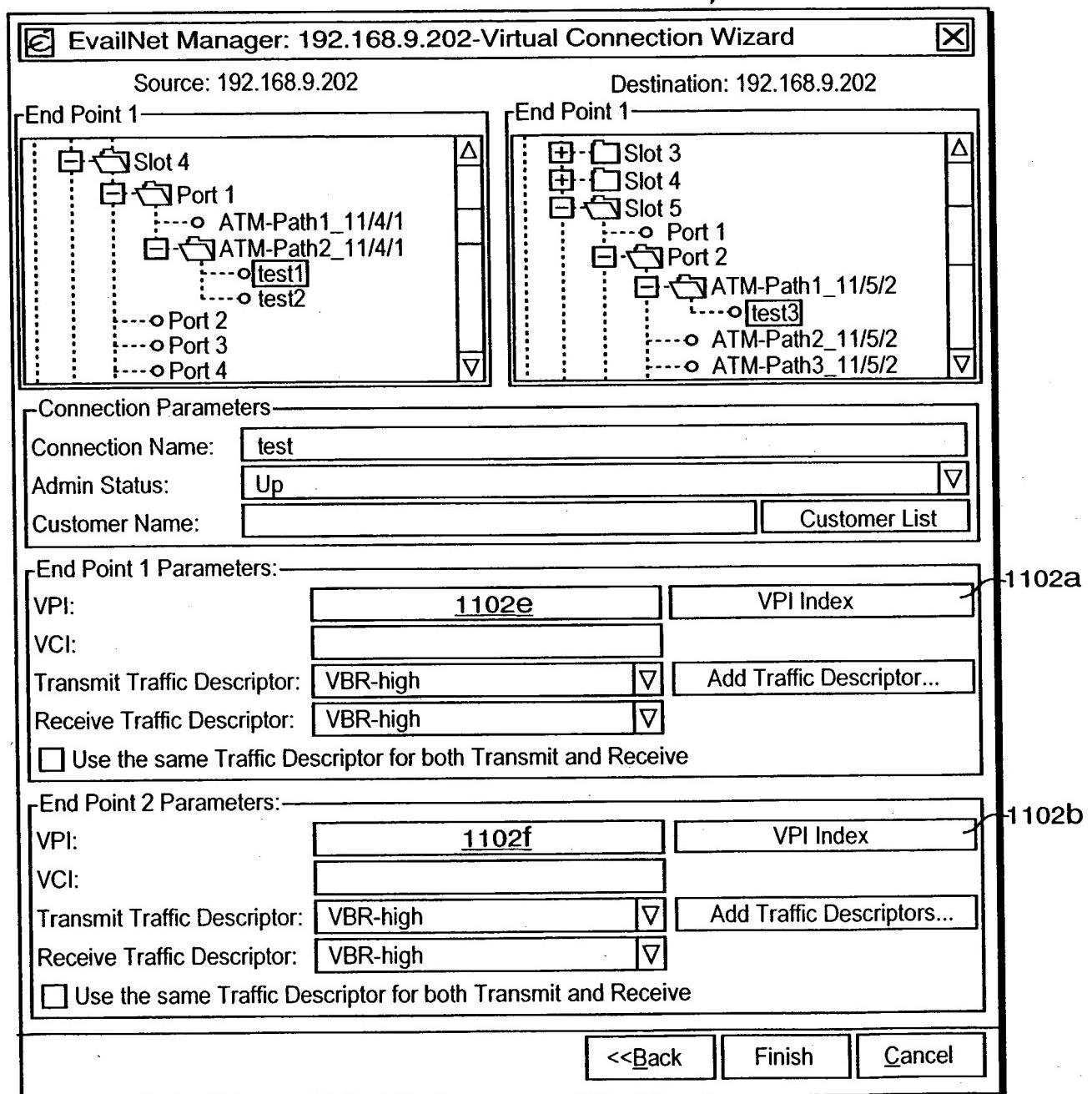


FIG. 75

1102

EavlNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

End Point 1

End Point 1

Connection Parameters

Connection Name: Admin Status: Customer Name: Customer List

End Point 1 Parameters:

VPI:	<input type="text" value="1102e"/>	VPI/VCI Index
VCI:	<input type="text" value="1102g"/>	
Transmit Traffic Descriptor:	<input type="text" value="VBR-high"/>	<input type="button" value="Add Traffic Descriptor..."/>
Receive Traffic Descriptor:	<input type="text" value="VBR-high"/>	
<input type="checkbox"/> Use the same Traffic Descriptor for both Transmit and Receive		

End Point 2 Parameters:

VPI:	<input type="text" value="1102f"/>	VPI/VCI Index
VCI:	<input type="text" value="1102h"/>	
Transmit Traffic Descriptor:	<input type="text" value="VBR-high"/>	<input type="button" value="Add Traffic Descriptors..."/>
Receive Traffic Descriptor:	<input type="text" value="VBR-high"/>	
<input type="checkbox"/> Use the same Traffic Descriptor for both Transmit and Receive		

1102C

1102d

FIG. 76

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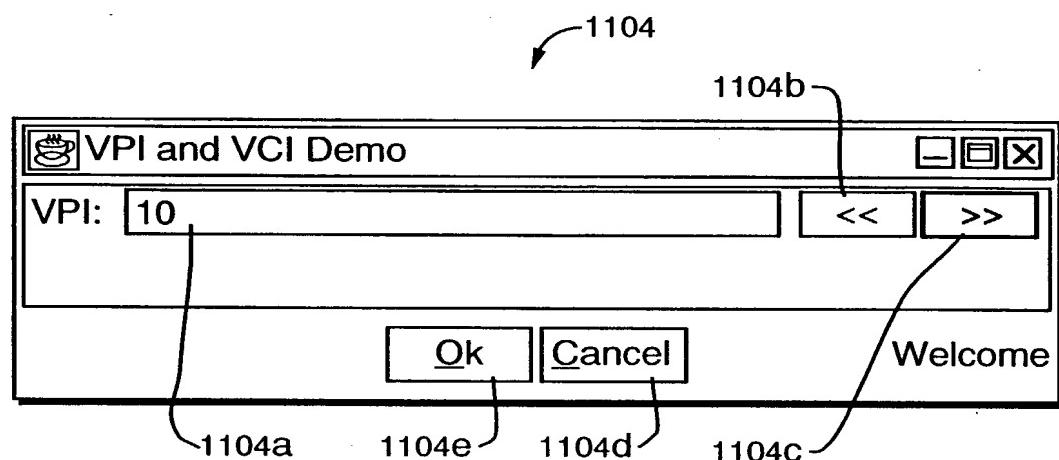


FIG. 77

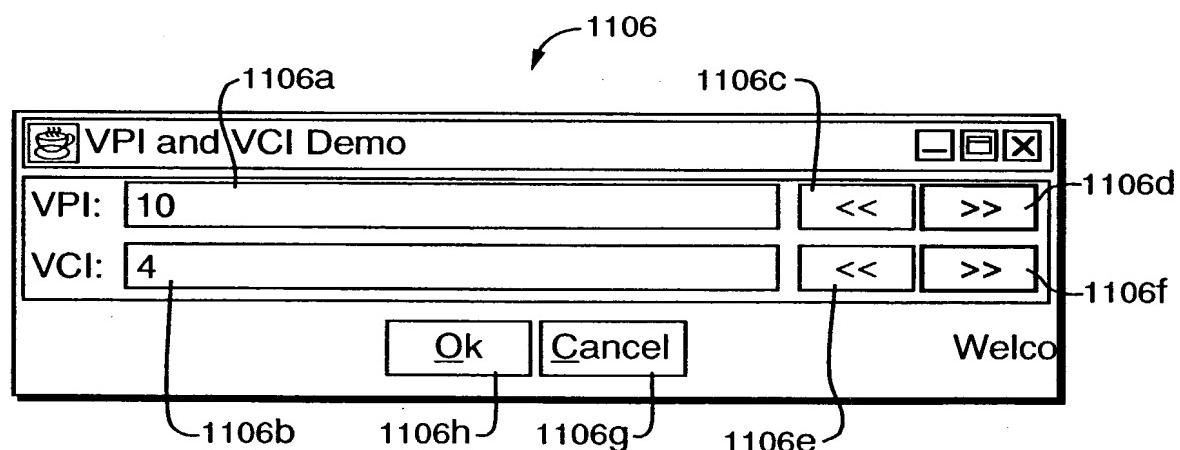


FIG. 78

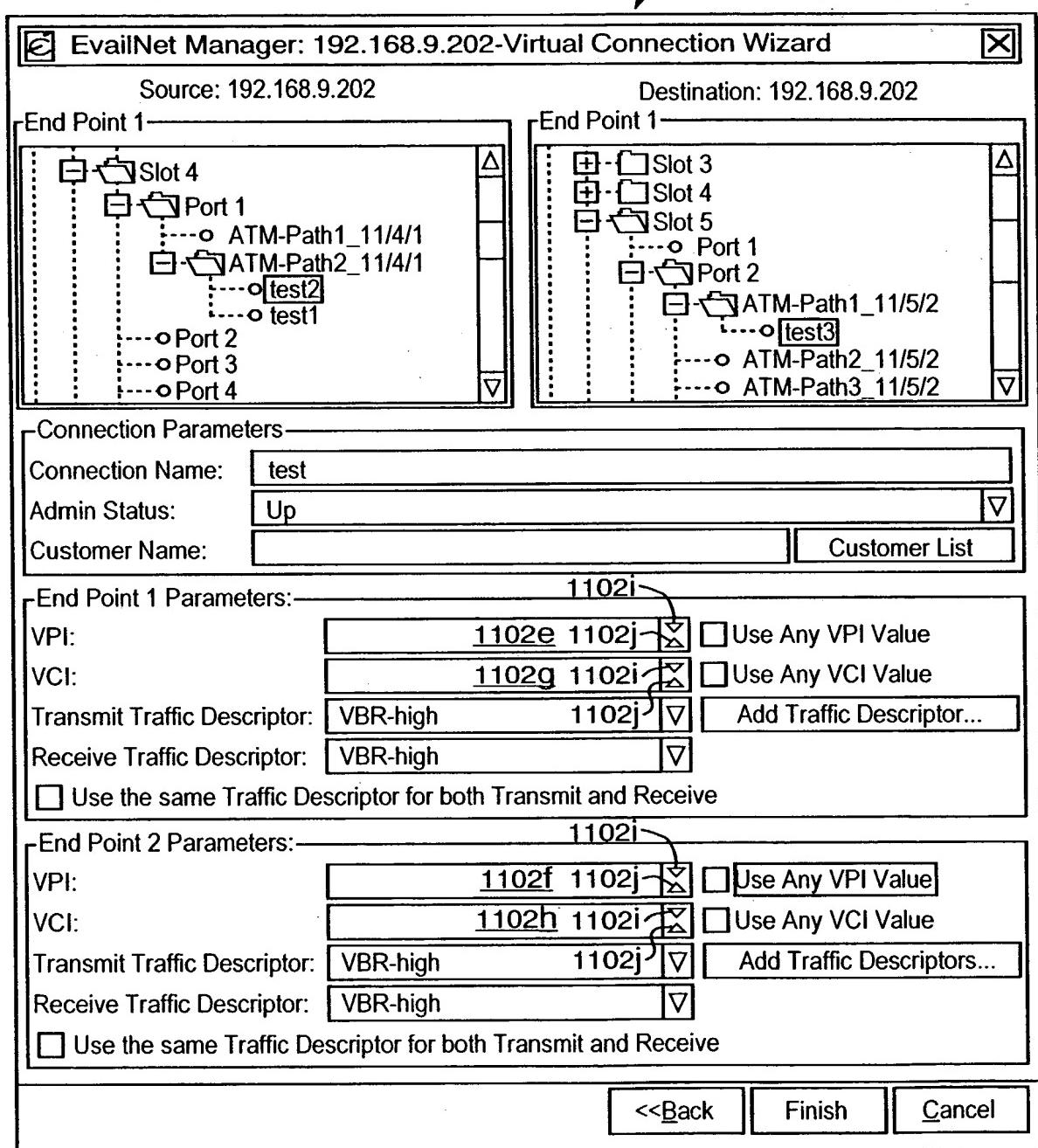
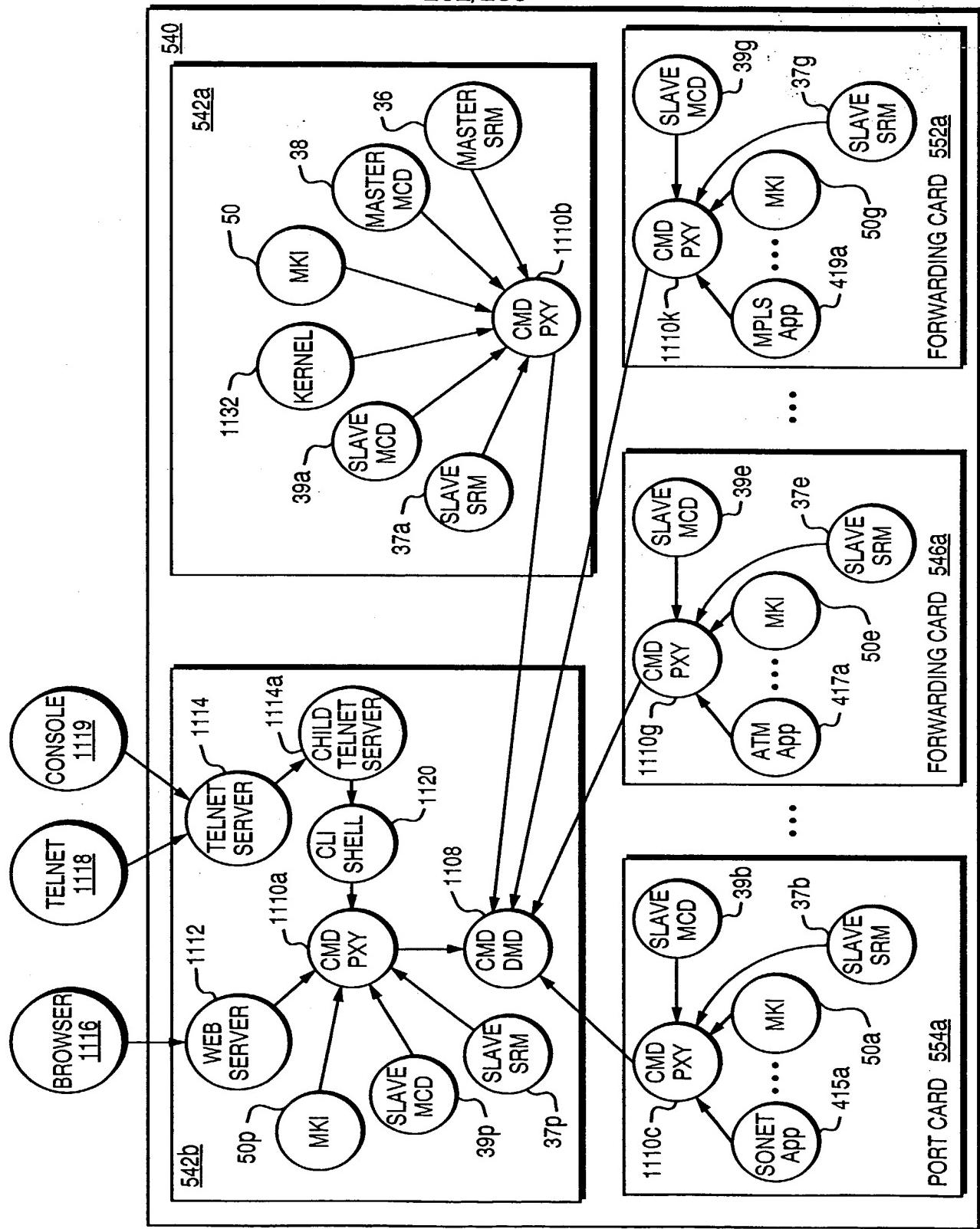


FIG. 79



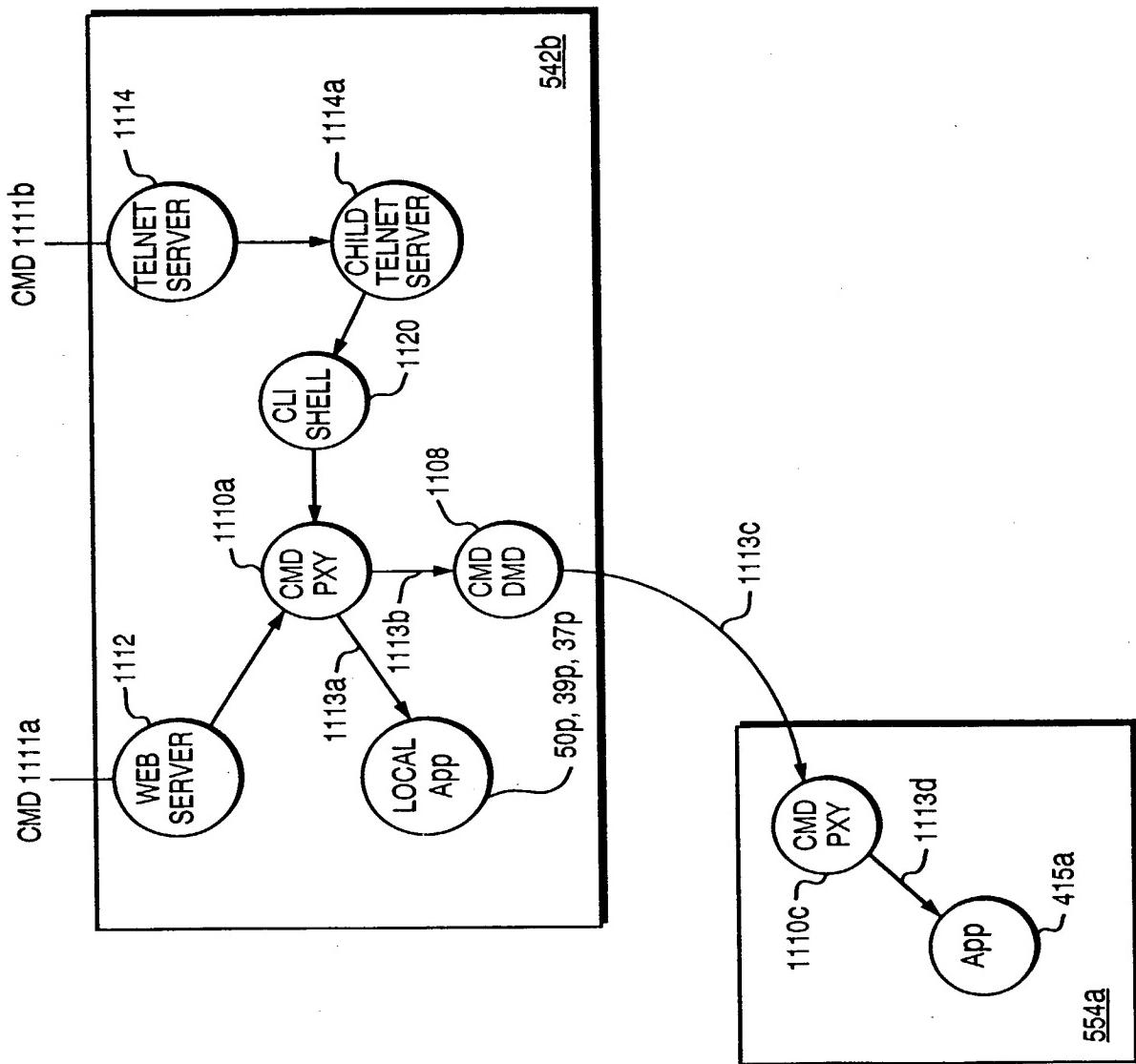


FIG. 81

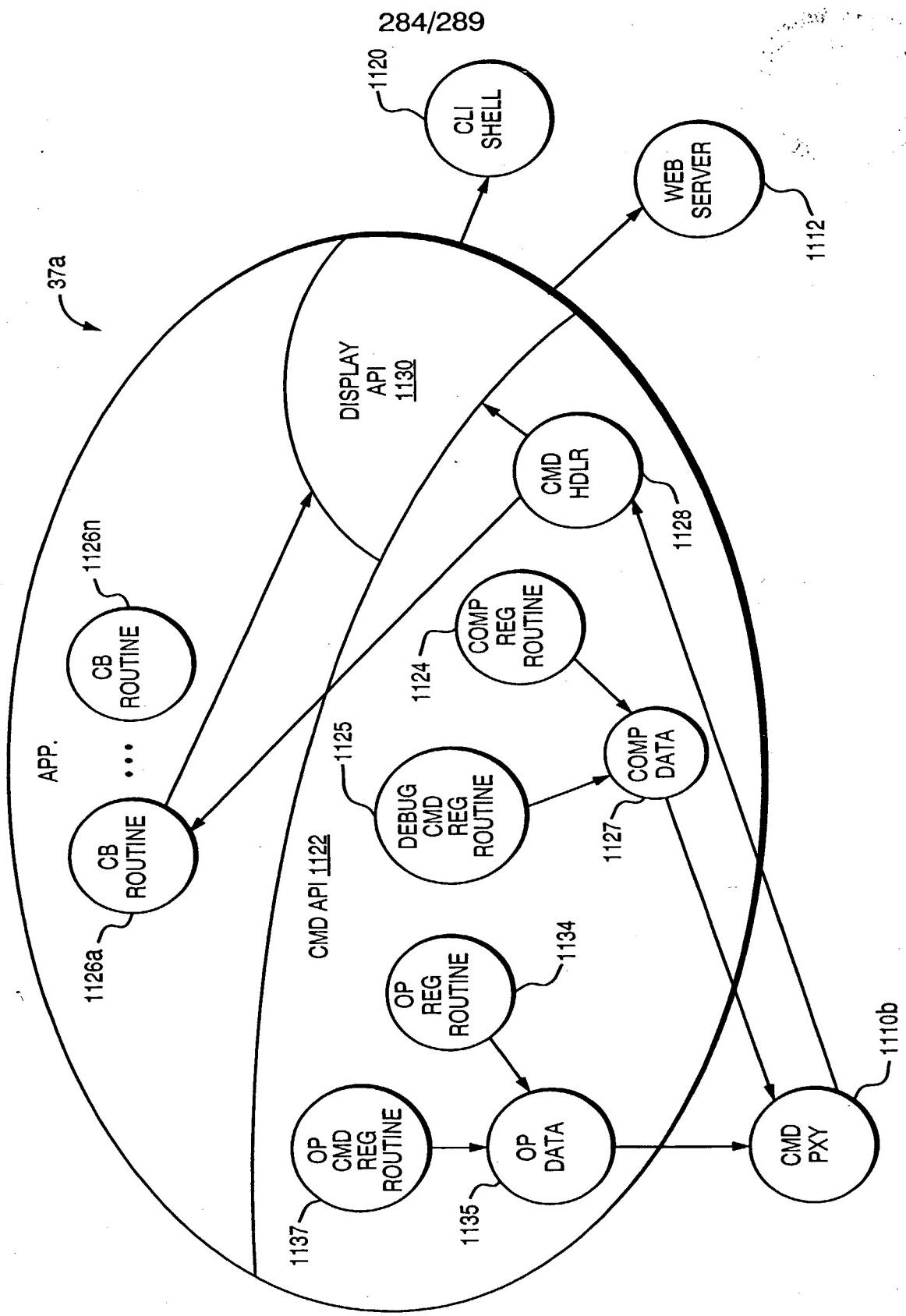


FIG. 82

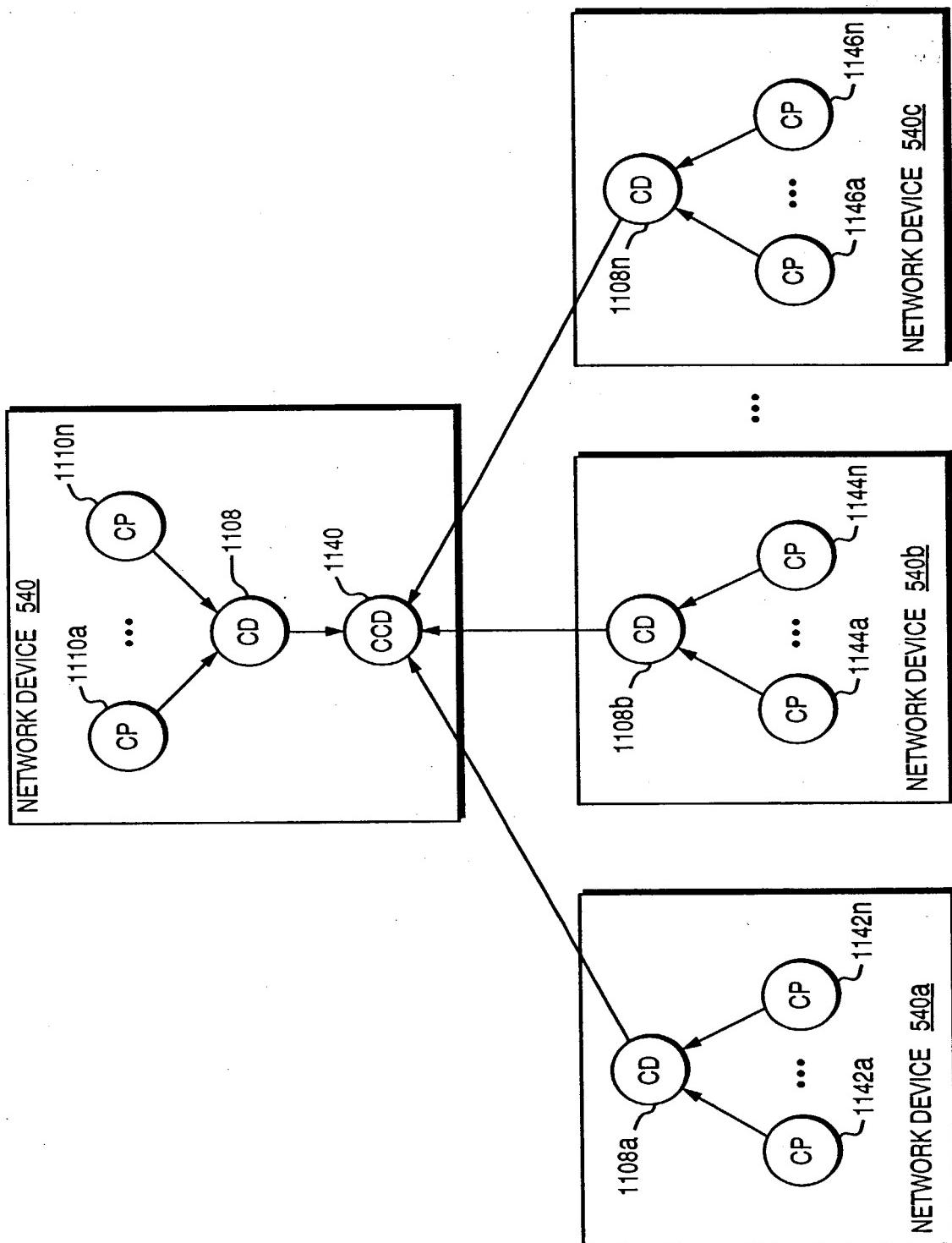


FIG. 83

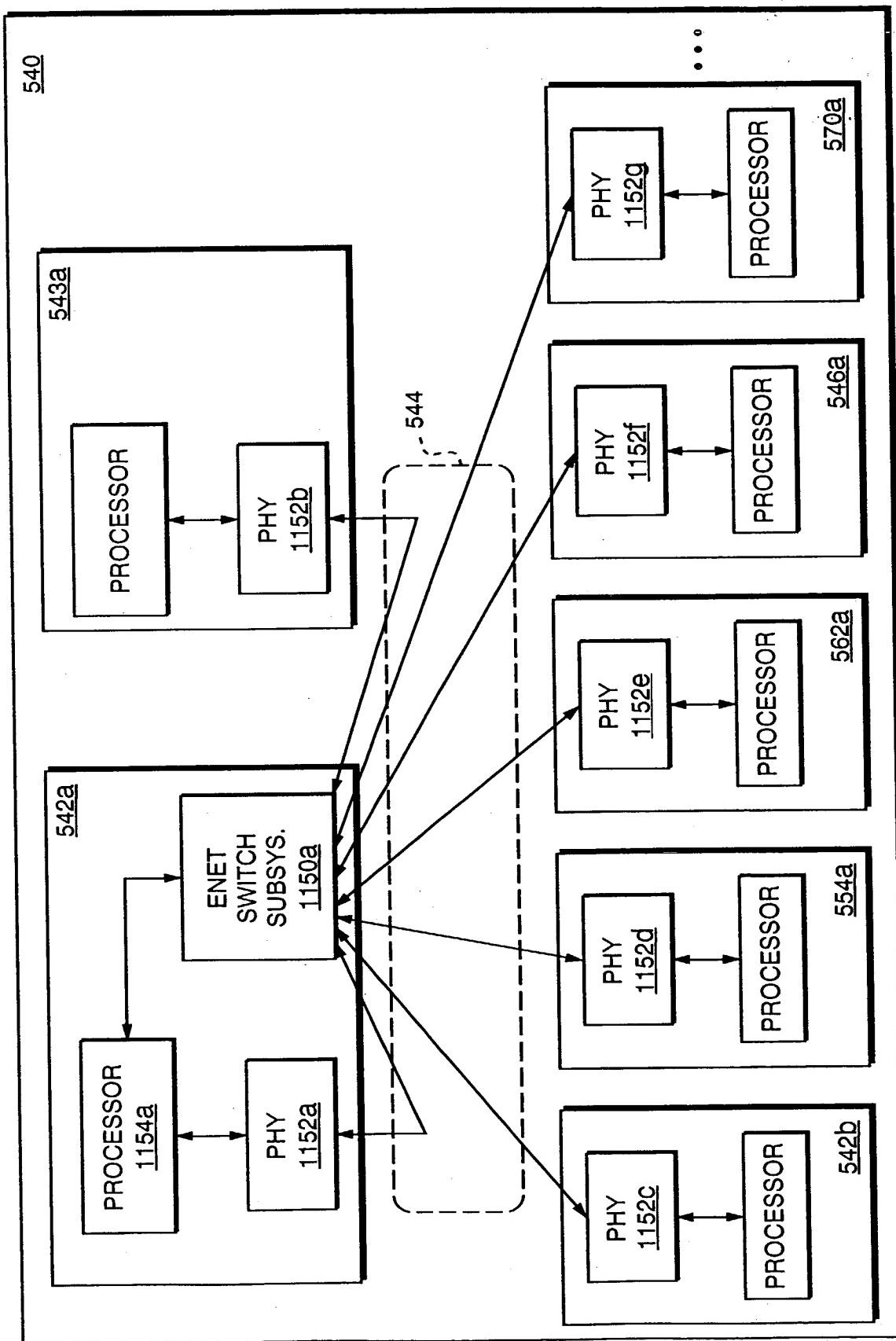


FIG. 84

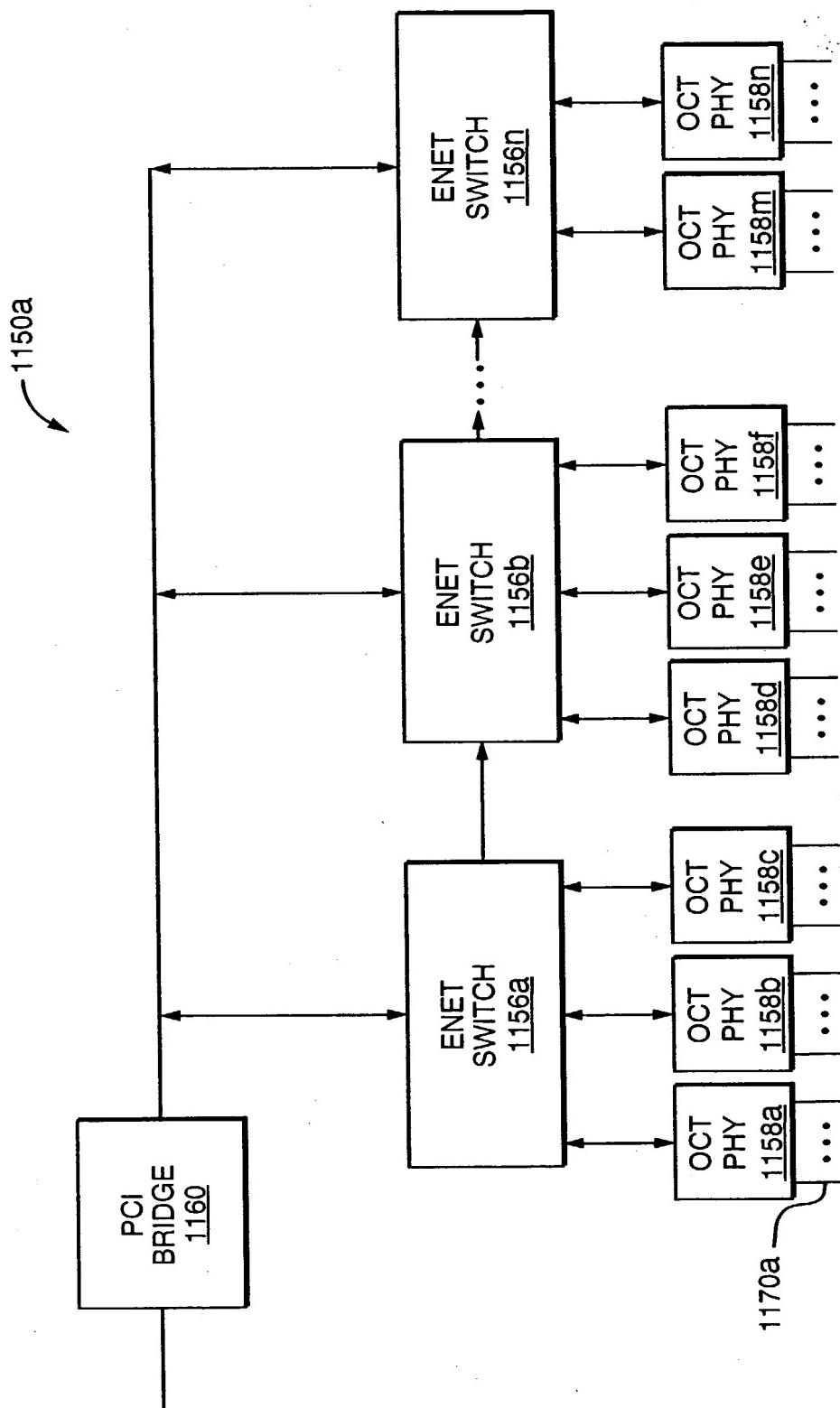


FIG. 85

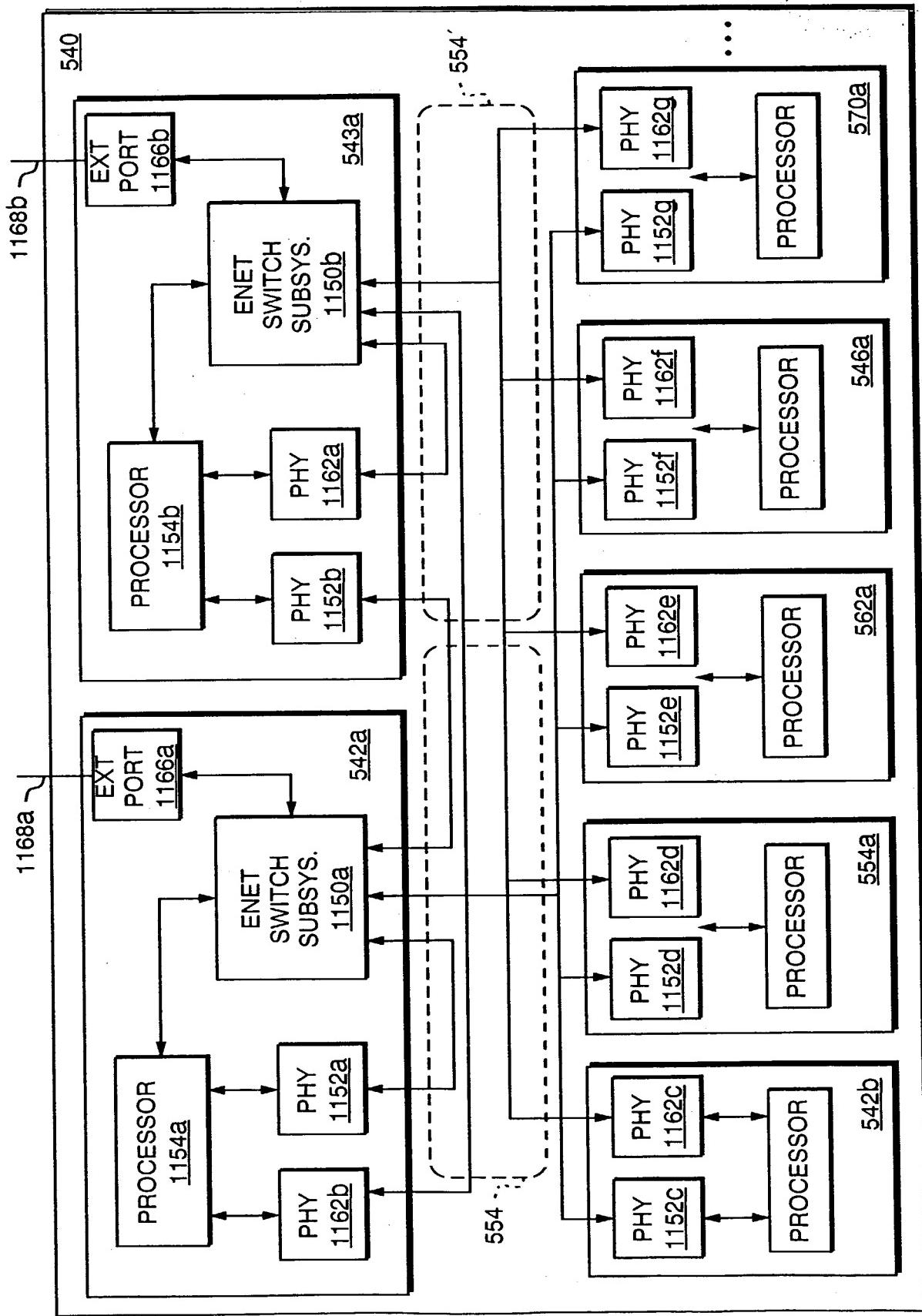


FIG. 86

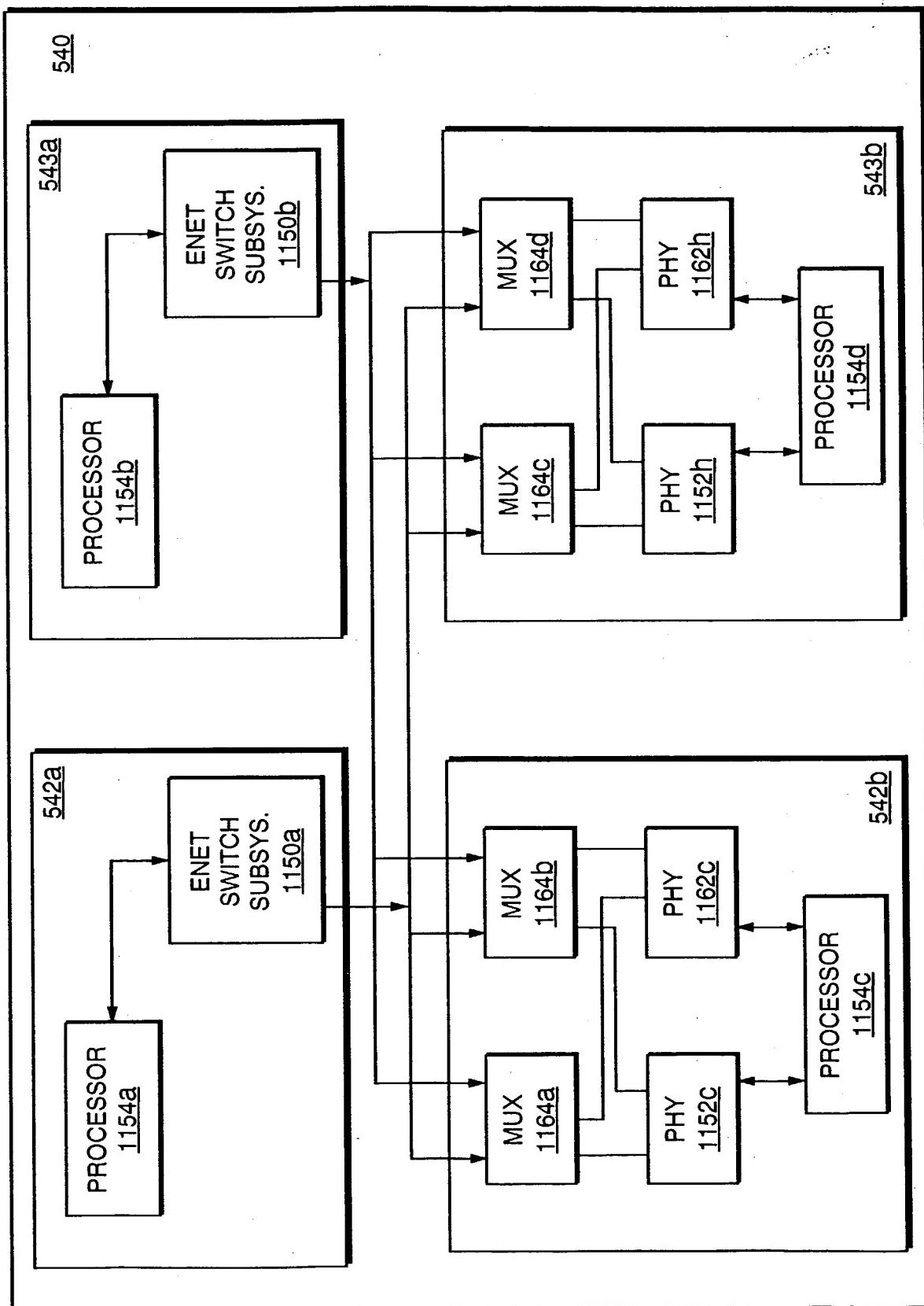


FIG. 87